

Converting Colors

XYZ(73.7384, 78.9188,
103.8162)

Have a look what the booklet for
XYZ(73.7384, 78.9188, 103.8162)
contains.

XYZ(73.5787, 78.7385, 103.4155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.5787, 78.7385,
103.4155)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E8FC
RGB	212, 232, 252
RGB Percent	83%, 91%, 99%
CMY	0.1686, 0.0902, 0.0118
CMYK	0.16, 0.08, 0.00, 0.01
HSL	210°, 87%, 91%
HSV	210°, 16%, 99%
XYZ	73.5787, 78.7385, 103.4155
YIQ	228.3000, -18.3400, 1.9800

Conversions

Conversions Part 2

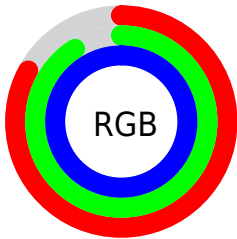
Format	Color
R _Y B	212, 225, 252
Decimal	13953276
CIE Lab	91.12, -2.61, -11.91
CIE LCh	91, 12.194, 257.662
Yxy	78.7385, 0.2877, 0.3079
Android (android.graphics.Color)	4292143356 (0xFFD4E8FC)
YUV	228.3000, 11.6841, -14.2951
Hunter-Lab	88.7347, -7.2738, -6.9850

Details

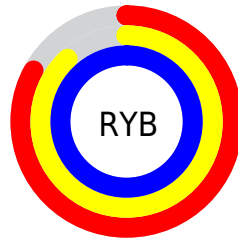
The XYZ color **73.5787, 78.7385, 103.4155** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8859, 83.1622, 74.0779**, and the grayscale version is **73.8910, 77.7391, 84.6579**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2803, 42.1589, 57.6969** is the 20% darker color. If you saturate the color by 10%, you get **63.4539, 68.4437, 101.9633**, and if you desaturate by 10%, it is **85.0962, 90.1328, 105.0090**.

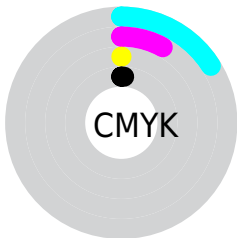
Distribution



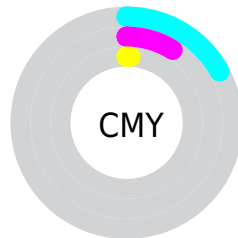
- Red (83%)
- Green (91%)
- Blue (99%)



- Red (83%)
- Yellow (88%)
- Blue (99%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (17%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5787, 78.7385, 103.4155 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.5787, 78.7385, 103.4155 by changing the saturation by 10% instead.

■ 73.5787, 78.7385,
103.4155

■ 73.5787, 78.7385,
103.4155

462.0908,
490.6713, 592.4284

■ 54.7393, 58.6808,
78.5233

123.2971,
131.5907, 167.9357

■ 39.4261, 42.3562,
57.9849

154.9069,
165.1539, 208.4007

■ 27.2736, 29.3803,
41.3819

191.5042,
203.9879, 254.8938

■ 17.9164, 19.3687,
28.2957

233.4543,
248.4769, 307.8334

■ 10.9893, 11.9370,
18.3077

281.1227,
299.0053, 367.6381

■ 6.1269, 6.7008,
10.9994

334.8747,

■ 2.9638, 3.2757,

355.9576, 434.7265

5.9523

395.0756,
419.7181, 509.5171

■ 1.1346, 1.2773,
2.7478

■ 0.0538, 0.1235,
0.9673

■ 73.5787, 78.7385,
103.4155

■ 73.5787, 78.7385,
103.4155

■ 63.4539, 68.4437,
101.9633

■ 85.0962, 90.1328,
105.0090

■ 54.6569, 59.2009,
100.6429

94.5709, 99.8084,
106.3772

■ 47.1282, 50.9734,
99.4516

■ 40.8004, 43.7179,
98.3847

■ 35.5992, 37.3877,
97.4370

■ 31.4414, 31.9305,
96.6028

■ 28.2301, 27.2872,
95.8758

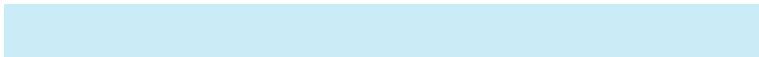
■ 25.8468, 23.3867,
95.2485

■ 25.0341, 21.9547,
95.0150

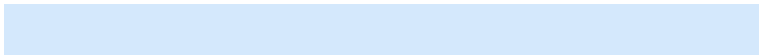
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.9156, 78.7385, 98.9081



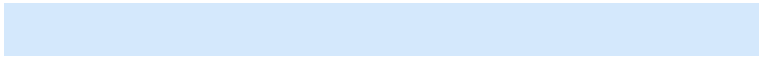
73.5787, 78.7385, 103.4155



76.6521, 78.7385, 102.9536

Triad

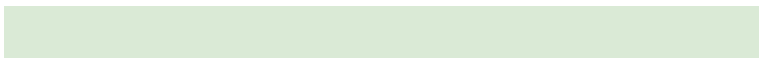
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5787, 78.7385, 103.4155



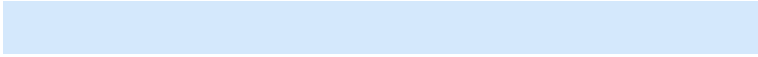
80.6320, 78.7385, 80.6831



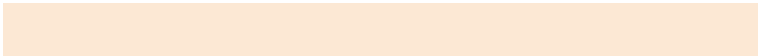
70.5406, 78.7385, 74.7966

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



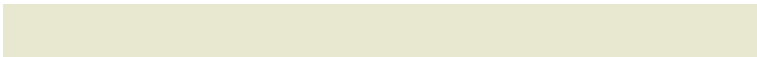
73.5787, 78.7385, 103.4155



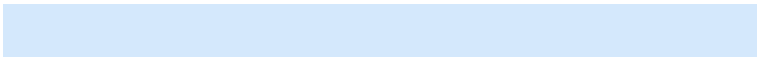
80.8859, 83.1622, 74.0779

Split Complementary

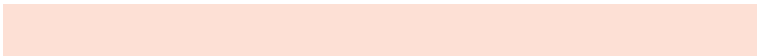
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0539, 78.7385, 70.5482



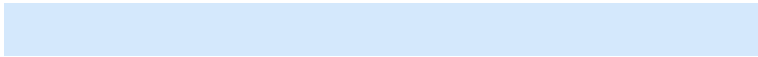
73.5787, 78.7385, 103.4155



78.9036, 78.7385, 73.7828

Square

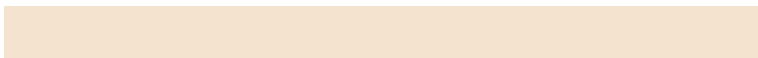
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5787, 78.7385, 103.4155



80.7819, 78.7385, 89.4129



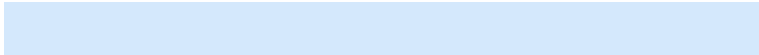
76.1128, 78.7385, 70.1903



69.1941, 78.7385, 82.1551

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5787, 78.7385, 103.4155



78.5203, 78.7385, 99.8910



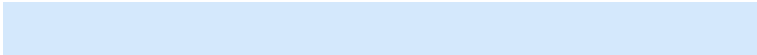
76.1128, 78.7385, 70.1903



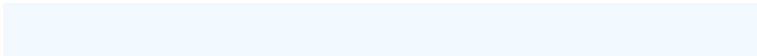
71.2738, 78.7385, 72.9800

Sweetspot

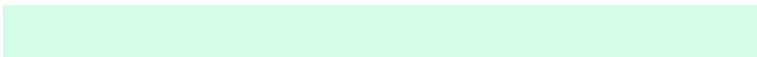
The Sweet Spot groups the original color and five complimentary colors.



73.5810, 78.7418, 103.4173



88.5140, 93.6618, 108.0211



76.4343, 89.4077, 89.0788



18.7554, 19.8618, 23.0951



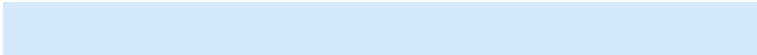
0.0000, 0.0000, 0.0000



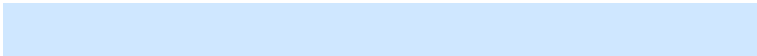
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5810, 78.7418, 103.4173



72.1705, 77.4485, 105.7530



68.4342, 68.4481, 101.7017



17.0002, 18.0772, 21.9785



13.1878, 11.7312, 49.5428



1.3274, 1.2985, 4.6239

Inverse Universe

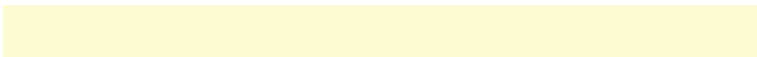
The Inverse Universe completely reimagines the original color for something new.



78.2558, 73.6105, 86.4312



77.8365, 71.4249, 85.1212



86.6313, 94.6531, 75.9930



17.6066, 17.3700, 19.7843



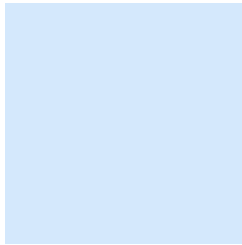
22.9486, 11.5952, 11.7038



2.1789, 1.0953, 1.3657

Previews

White Background



This preview shows how the XYZ color 73.5787, 78.7385, 103.4155 looks on a white background.

Color Contrast Check

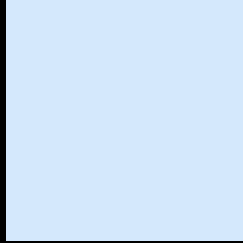
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.5787, 78.7385, 103.4155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

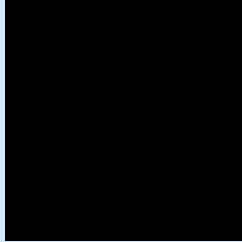
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

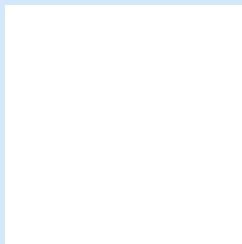
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5787, 78.7385, 103.4155

Background



This preview shows how black text looks on a background with the XYZ color 73.5787, 78.7385, 103.4155.



This preview shows how white text looks on a background with the XYZ color 73.5787, 78.7385,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

73.4206, 78.6753, 102.5830

Trichromacy



Original Color

73.5787, 78.7385, 103.4155

Protanomaly

75.3988, 78.4703, 101.6148

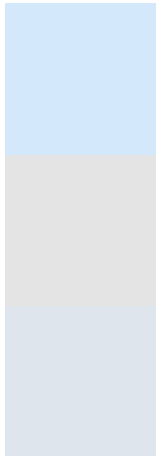
Deuteranomaly

77.5591, 78.3076, 103.9556

Tritanomaly

73.4206, 78.6753, 102.5830

Monochromacy



Original Color

73.5787, 78.7385, 103.4155

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4296, 77.6826, 91.2449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5787, 78.7385, 103.4155 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 232, 252)` looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 252) }
```

Border

The CSS property to change the border of an element to XYZ 73.5787, 78.7385, 103.4155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 232, 252) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 232, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 232, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5787, 78.7385, 103.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
232, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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