

Converting Colors

XYZ(73.1170, 78.4035,
105.8875)

Have a look what the booklet for
XYZ(73.1170, 78.4035, 105.8875)
contains.

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Color

**XYZ(73.2011, 78.4885,
105.8994)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E8FF
RGB	209, 232, 255
RGB Percent	82%, 91%, 100%
CMY	0.1804, 0.0902, 0.0000
CMYK	0.18, 0.09, 0.00, 0.00
HSL	210°, 100%, 91%
HSV	210°, 18%, 100%
XYZ	73.2011, 78.4885, 105.8994
YIQ	227.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

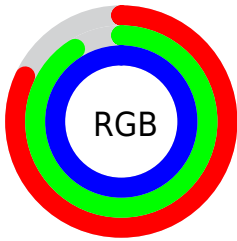
Format	Color
R _Y B	209, 224, 255
Decimal	13756671
CIE Lab	91.00, -2.90, -13.67
CIE LCh	91, 13.974, 258.010
Yxy	78.4885, 0.2842, 0.3047
Android (android.graphics.Color)	4291946751 (0xFFD1E8FF)
YUV	227.7450, 13.4367, -16.4394
Hunter-Lab	88.5937, -7.5524, -8.8559

Details

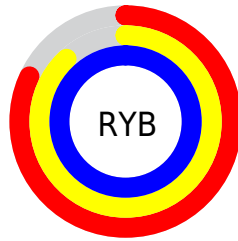
The XYZ color **73.2011, 78.4885, 105.8994** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.6050, 83.5756, 72.1540**, and the grayscale version is **73.4743, 77.3007, 84.1804**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0448, 41.9979, 59.4746** is the 20% darker color. If you saturate the color by 10%, you get **63.0968, 68.1461, 104.4357**, and if you desaturate by 10%, it is **84.7247, 89.9530, 107.5049**.

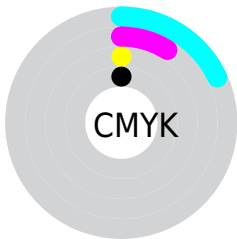
Distribution



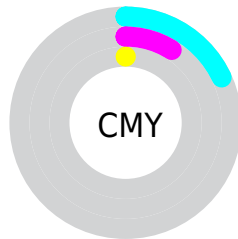
- Red (82%)
- Green (91%)
- Blue (100%)



- Red (82%)
- Yellow (88%)
- Blue (100%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2011, 78.4885, 105.8994 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 73.2011, 78.4885, 105.8994 by changing the saturation by 10% instead.

73.2011, 78.4885,
105.8994

73.2011, 78.4885,
105.8994

460.8045,
489.8242, 600.3531

54.4294, 58.4754,
80.5922

122.7642,
131.2385, 171.3633

39.1771, 42.1909,
59.6768

154.2864,
164.7442, 212.3570

27.0789, 29.2508,
42.7346

190.7894,
203.5162, 259.4167

17.7694, 19.2706,
29.3470

232.6386,
247.9388, 312.9609

10.8832, 11.8660,
19.0957

280.1993,
298.3966, 373.4081

6.0551, 6.6525,
11.5619

333.8370,

2.9196, 3.2457,

355.2738, 441.1768

6.3272

393.9169,
418.9549, 516.6856

■ 1.1114, 1.2613,
2.9731

■ 0.0346, 0.1110,
1.0809

■ 73.2011, 78.4885,
105.8994

■ 73.2011, 78.4885,
105.8994

■ 63.0968, 68.1461,
104.4357

■ 84.7247, 89.9530,
107.5049

■ 54.3450, 58.8773,
103.1079

95.0500, 100.0000,
108.9000

■ 46.8831, 50.6432,
101.9119

■ 40.6401, 43.3988,
100.8426

■ 35.5381, 37.0946,
99.8947

■ 31.4885, 31.6758,
99.0622

■ 28.3879, 27.0791,
98.3383

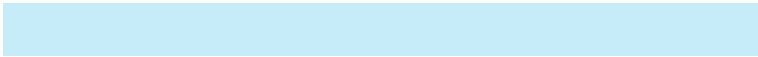
■ 26.0979, 23.2229,
97.7147

■ 25.7066, 22.5332,
97.6022

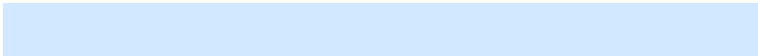
Harmonies

Analogous

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



70.1558, 78.4885, 100.7227



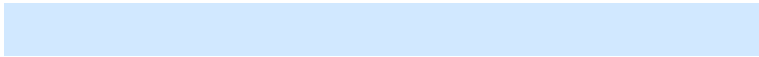
73.2011, 78.4885, 105.8994



76.7172, 78.4885, 105.2916

Triad

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



73.2011, 78.4885, 105.8994



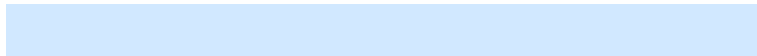
81.2373, 78.4885, 79.5959



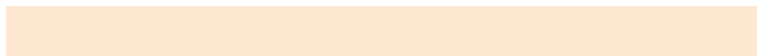
69.6736, 78.4885, 73.1157

Complementary

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



73.2011, 78.4885, 105.8994



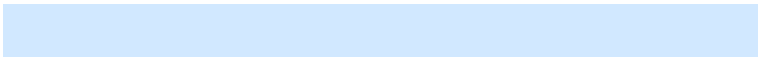
81.6050, 83.5756, 72.1540

Split Complementary

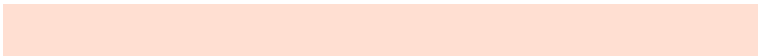
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5240, 78.4885, 68.2904



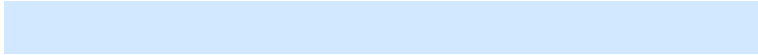
73.2011, 78.4885, 105.8994



79.2300, 78.4885, 71.8238

Square

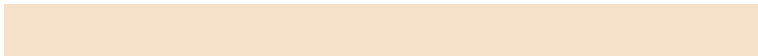
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2011, 78.4885, 105.8994



81.4325, 78.4885, 89.5589



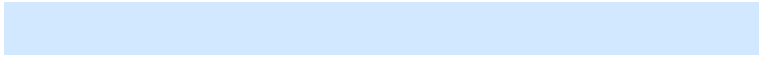
76.0186, 78.4885, 67.8369



68.1626, 78.4885, 81.4893

Rectangle

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



73.2011, 78.4885, 105.8994



78.8550, 78.4885, 101.6933



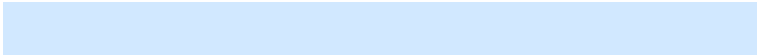
76.0186, 78.4885, 67.8369



70.5027, 78.4885, 71.0544

Sweetspot

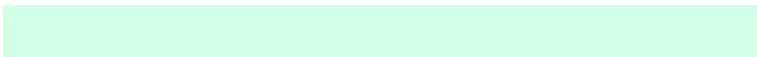
The Sweet Spot groups the original color and five complimentary colors.



73.2032, 78.4916, 105.8999



88.5140, 93.6619, 108.0211



76.5122, 90.8585, 89.2801



18.7554, 19.8618, 23.0952



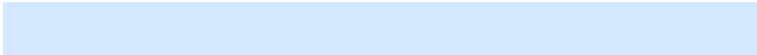
0.0000, 0.0000, 0.0000



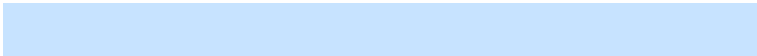
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2032, 78.4916, 105.8999



69.0332, 74.2616, 105.3032



67.3349, 66.7550, 103.9438



17.7535, 18.8787, 22.9582



13.5816, 12.0727, 51.0490



1.4316, 1.3939, 5.0069

Inverse Universe

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



78.6073, 72.6887, 86.2348



75.4992, 67.6044, 81.7096



88.2649, 96.8954, 74.3740



18.3882, 18.1386, 20.6616



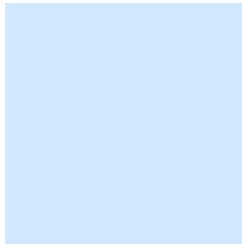
23.6435, 11.9467, 12.0393



2.3572, 1.1853, 1.4625

Previews

White Background



This preview shows how the XYZ color 73.2011, 78.4885, 105.8994 looks on a white background.

Color Contrast Check

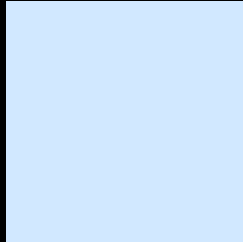
Large Text (above 18pt) WCAG AA × Fail

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 73.2011, 78.4885, 105.8994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

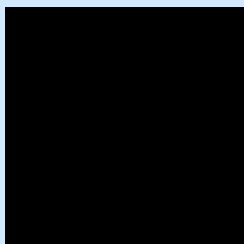
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

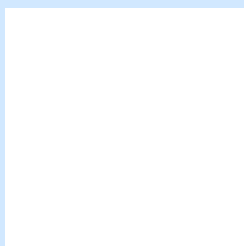
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2011, 78.4885, 105.8994

Background



This preview shows how black text looks on a background with the XYZ color 73.2011, 78.4885, 105.8994.

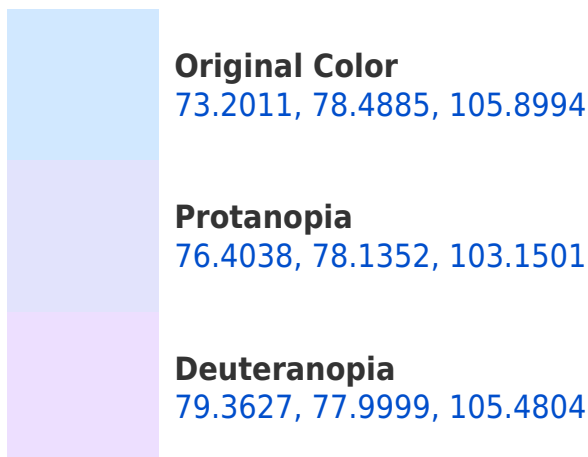


This preview shows how white text looks on a background with the XYZ color 73.2011, 78.4885,

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

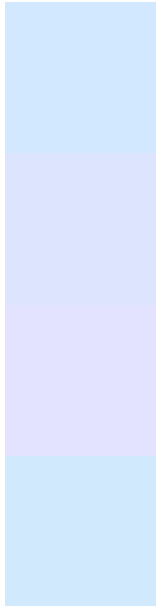




Tritanopia

72.5639, 78.6528, 102.6238

Trichromacy



Original Color

73.2011, 78.4885, 105.8994

Protanomaly

75.2641, 78.3461, 104.0840

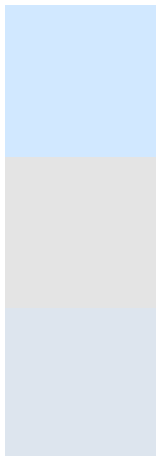
Deuteranomaly

76.9249, 77.9436, 105.5980

Tritanomaly

72.7220, 78.7160, 103.4563

Monochromacy



Original Color

73.2011, 78.4885, 105.8994

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2707, 77.5838, 92.0023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2011, 78.4885, 105.8994 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(209, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 232, 255)  
}
```

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(209, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 232, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.2011, 78.4885, 105.8994 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(209, 232, 255) }
```


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

```
.border{ border-color:rgb(209, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 232,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2011, 78.4885, 105.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 232, 255) }
```

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

```
.background{ background-color: rgb(209,  
232, 255) }
```

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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