

Converting Colors

XYZ(79.2825, 84.5295,
109.2033)

Have a look what the booklet for
XYZ(79.2825, 84.5295, 109.2033)
contains.

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Color

**XYZ(78.7353, 84.3252,
106.7343)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEFFF
RGB	221, 239, 255
RGB Percent	87%, 94%, 100%
CMY	0.1333, 0.0627, 0.0000
CMYK	0.13, 0.06, 0.00, 0.00
HSL	208°, 100%, 93%
HSV	208°, 13%, 100%
XYZ	78.7353, 84.3252, 106.7343
YIQ	235.4420, -15.8640, 1.1600

Conversions

Conversions Part 2

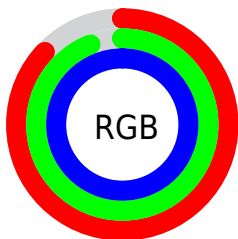
Format	Color
R_{YB}	221, 233, 255
Decimal	14544895
CIE _{Lab}	93.59, -2.79, -9.72
CIE _{LCh}	94, 10.118, 253.976
Yxy	84.3252, 0.2918, 0.3126
Android (android.graphics.Color)	4292734975 (0xFFDDEFFF)
YUV	235.4420, 9.6421, -12.6656
Hunter-Lab	91.8288, -7.6518, -4.6338

Details

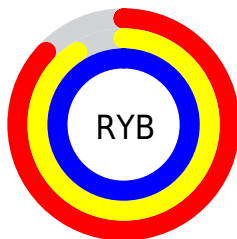
The XYZ color **78.7353, 84.3252, 106.7343** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5748, 87.0472, 80.7524**, and the grayscale version is **79.2418, 83.3686, 90.7884**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8524, 46.0512, 60.0563** is the 20% darker color. If you saturate the color by 10%, you get **68.1571, 73.8319, 105.2665**, and if you desaturate by 10%, it is **90.7303, 95.8995, 108.3362**.

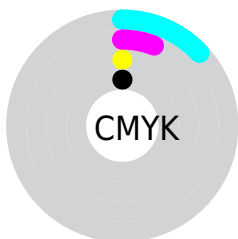
Distribution



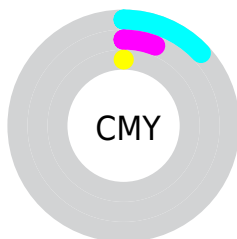
- Red (87%)
- Green (94%)
- Blue (100%)



- Red (87%)
- Yellow (91%)
- Blue (100%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7353, 84.3252, 106.7343 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 78.7353, 84.3252, 106.7343 by changing the saturation by 10% instead.

■ 78.7353, 84.3252,
106.7343

■ 78.7353, 84.3252,
106.7343

479.4621,
509.3925, 603.0045

■ 58.9831, 63.2840,
81.2883

130.5460,
139.4300, 172.5136

■ 42.8458, 46.0710,
60.2467

163.3353,
174.2623, 213.6840

■ 29.9582, 32.3018,
43.1909

201.2009,
214.4605, 260.9329

■ 19.9547, 21.5921,
29.7024

244.5082,
260.4089, 314.6789

■ 12.4702, 13.5575,
19.3627

293.6227,
312.4919, 375.3405

■ 7.1392, 7.8136,
11.7532

348.9096,

■ 3.5964, 3.9759,

371.0939, 443.3363

6.4554

410.7343,
436.5993, 519.0848

■ 1.4765, 1.6601,
3.0507

■ 0.3097, 0.3976,
1.1206

■ 78.7353, 84.3252,
106.7343

■ 78.7353, 84.3252,
106.7343

■ 68.1571, 73.8319,
105.2665

■ 90.7303, 95.8995,
108.3362

■ 58.9315, 64.3731,
103.9270

95.0500, 100.0000,
108.9000

■ 50.9990, 55.9135,
102.7122

■ 44.2928, 48.4115,
101.6176

■ 38.7395, 41.8221,
100.6384

■ 34.2572, 36.0954,
99.7693

■ 30.7514, 31.1747,
99.0043

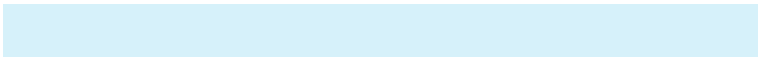
■ 28.1083, 26.9933,
98.3365

■ 26.7184, 24.5568,
97.9395

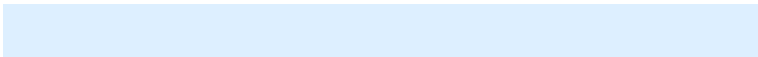
Harmonies

Analogous

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



76.4992, 84.3252, 102.4426



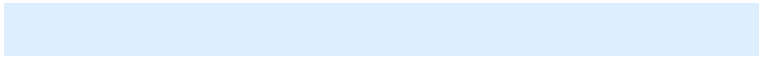
78.7353, 84.3252, 106.7343



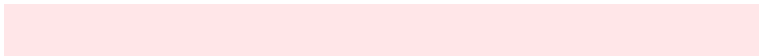
81.3988, 84.3252, 106.8853

Triad

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



78.7353, 84.3252, 106.7343



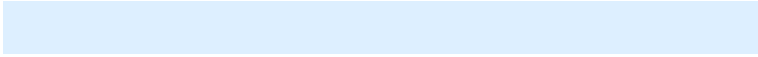
85.2508, 84.3252, 88.2995



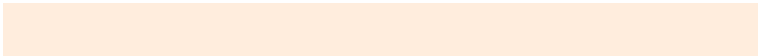
76.6255, 84.3252, 81.6053

Complementary

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



78.7353, 84.3252, 106.7343



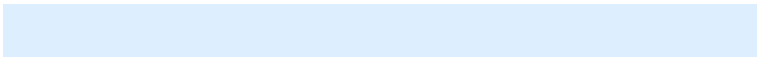
84.5748, 87.0472, 80.7524

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.



78.9112, 84.3252, 78.2338



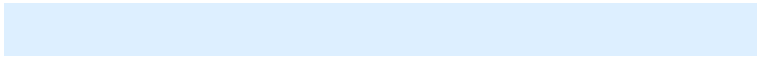
78.7353, 84.3252, 106.7343



83.9122, 84.3252, 81.9505

Square

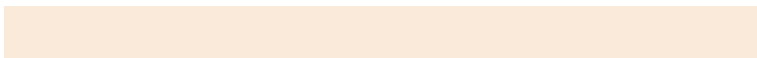
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7353, 84.3252, 106.7343



85.2012, 84.3252, 95.9478



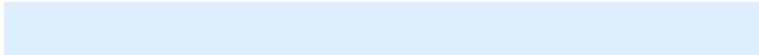
81.5787, 84.3252, 78.3565



75.2998, 84.3252, 87.8042

Rectangle

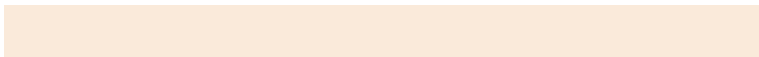
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7353, 84.3252, 106.7343



83.0612, 84.3252, 104.5984



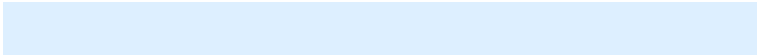
81.5787, 84.3252, 78.3565



77.3048, 84.3252, 80.1195

Sweetspot

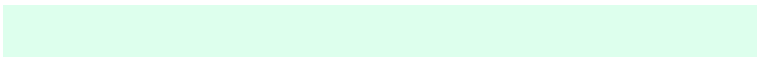
The Sweet Spot groups the original color and five complimentary colors.



78.7375, 84.3286, 106.7349



89.8846, 95.0929, 108.2251



80.8462, 92.9992, 93.7092



19.0367, 20.1605, 23.1380



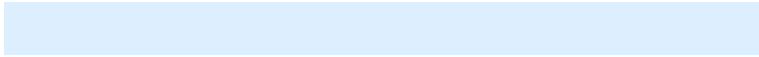
0.0000, 0.0000, 0.0000



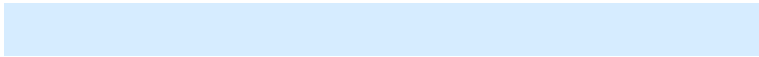
20.3446, 21.4041, 23.3091

Same Dimension

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



78.7375, 84.3286, 106.7349



75.7793, 81.4250, 106.3303



74.0268, 74.9071, 105.1646



17.7993, 18.9703, 22.9735



14.1118, 13.1332, 51.2258



1.4834, 1.4976, 5.0241

Inverse Universe

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



82.6778, 79.2064, 92.5962



80.4492, 75.4992, 89.5411



89.6910, 97.2796, 82.4578



18.4114, 18.1479, 20.7834



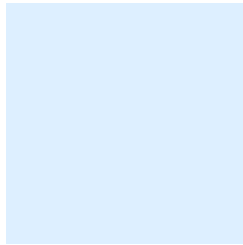
23.9112, 12.0538, 13.4487



2.3834, 1.1957, 1.6003

Previews

White Background



This preview shows how the XYZ color 78.7353, 84.3252, 106.7343 looks on a white background.

Color Contrast Check

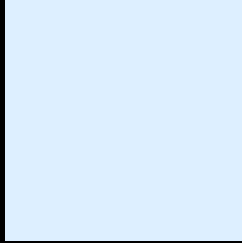
Large Text (above 18pt) WCAG AA × Fail

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 78.7353, 84.3252, 106.7343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

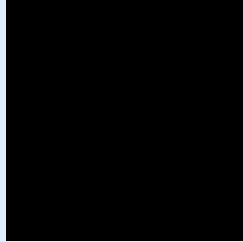
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

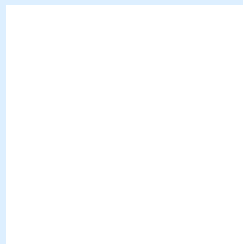
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.7353, 84.3252, 106.7343

Background



This preview shows how black text looks on a background with the XYZ color 78.7353, 84.3252, 106.7343.



This preview shows how white text looks on a background with the XYZ color 78.7353, 84.3252,

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



Original Color

78.7353, 84.3252, 106.7343

Protanopia

81.8711, 84.2778, 104.0476

Deuteranopia

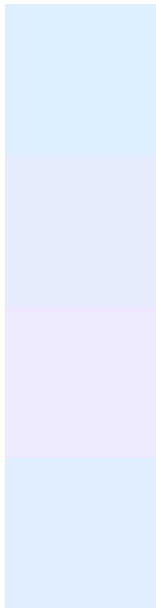
85.4137, 83.9534, 106.3106



Tritanopia

79.0560, 84.0570, 106.6657

Trichromacy



Original Color

78.7353, 84.3252, 106.7343

Protanomaly

80.6801, 84.0717, 104.9037

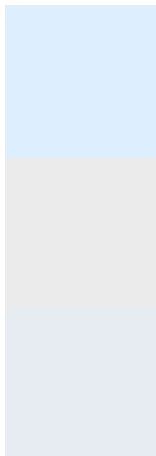
Deuteranomaly

82.7855, 83.8485, 106.4289

Tritanomaly

78.7487, 83.8987, 106.6513

Monochromacy



Original Color

78.7353, 84.3252, 106.7343

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.6556, 83.2247, 95.9228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7353, 84.3252, 106.7343 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(221, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 239, 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(221, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.7353, 84.3252, 106.7343 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(221, 239, 255) }
```


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

```
.border{ border-color:rgb(221, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7353, 84.3252, 106.7343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 239, 255) }
```

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

```
.background{ background-color: rgb(221,  
239, 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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