

Converting Colors

XYZ(50.2586, 63.2046, 95.7770)

Have a look what the booklet for
XYZ(50.2586, 63.2046, 95.7770)
contains.

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Color

**XYZ(50.3403, 63.2195,
95.9356)**

Conversions

Conversions Part 1

Format	Color
Hex	76DFF5
RGB	118, 223, 245
RGB Percent	46%, 87%, 96%
CMY	0.5372, 0.1255, 0.0392
CMYK	0.52, 0.09, 0.00, 0.04
HSL	190°, 86%, 71%
HSV	190°, 52%, 96%
XYZ	50.3403, 63.2195, 95.9356
YIQ	194.1130, -69.6420, -15.4180

Conversions

Conversions Part 2

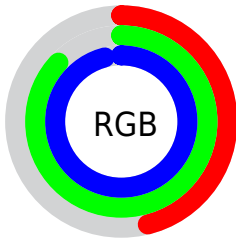
Format	Color
R _Y B	118, 175, 245
Decimal	7790581
CIE Lab	83.56, -24.59, -20.08
CIE LCh	84, 31.748, 219.244
Yxy	63.2195, 0.2403, 0.3018
Android (android.graphics.Color)	4285980661 (0xFF76DFF5)
YUV	194.1130, 25.0873, -66.7511
Hunter-Lab	79.5107, -26.1307, -15.8803

Details

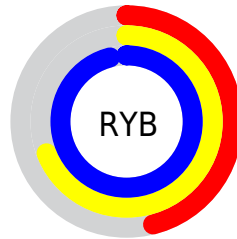
The XYZ color **50.3403, 63.2195, 95.9356** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **50.3056, 39.4781, 22.1099**, and the grayscale version is **51.2326, 53.9006, 58.6978**.

A 20% lighter version of the original color is **72.1701, 88.2050, 107.8292**, and **24.6561, 32.4363, 53.1054** is the 20% darker color. If you saturate the color by 10%, you get **46.3161, 59.4841, 95.4278**, and if you desaturate by 10%, it is **55.2608, 67.4619, 96.4963**.

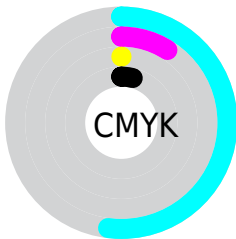
Distribution



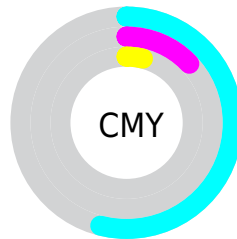
- Red (46%)
- Green (87%)
- Blue (96%)



- Red (46%)
- Yellow (69%)
- Blue (96%)



- Cyan (52%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (54%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3403, 63.2195, 95.9356 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 50.3403, 63.2195, 95.9356 by changing the saturation by 10% instead.

50.3403, 63.2195,
95.9356

50.3403, 63.2195,
95.9356

378.4253,
436.3657, 568.2166

35.9028, 46.0188,
72.3127

89.8677, 109.4861,
157.5632

24.5289, 32.2607,
52.9258

115.6882,
139.3208, 196.4051

15.8533, 21.5607,
37.3562

146.0339,
174.1357, 241.1570

9.5106, 13.5344,
25.1855

181.2699,
214.3151, 292.2375

5.1354, 7.7976,
15.9950

221.7617,
260.2433, 350.0652

2.3625, 3.9657,
9.3663

267.8746,

0.8264, 1.6544,

312.3049, 415.0586

4.8808

319.9740,
370.8842, 487.6362

■ 0.0000, 0.3939,
2.1200

■ 0.0000, 0.0000,
0.6276

■ 50.3403, 63.2195,
95.9356

■ 50.3403, 63.2195,
95.9356

■ 46.3161, 59.4841,
95.4278

■ 55.2608, 67.4619,
96.4963

■ 43.1136, 56.2128,
94.9652

■ 61.1329, 72.2360,
97.1083

■ 40.6560, 53.3671,
94.5454

■ 68.0143, 77.5733,
97.7758

■ 38.8484, 50.8977,
94.1641

■ 75.9563, 83.5003,
98.5012

■ 37.7345, 49.0984,
93.8755

■ 85.0068, 90.0422,
99.2869

■ 91.4327, 95.2748,
99.9582

■ 92.7556, 97.9206,
100.3992

■ 93.4817, 99.3727,
100.6412

Harmonies

Analogous

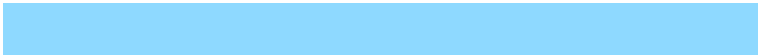
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.8629, 63.2195, 75.1551



50.3403, 63.2195, 95.9356



55.4849, 63.2195, 111.0839

Triad

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



50.3403, 63.2195, 95.9356



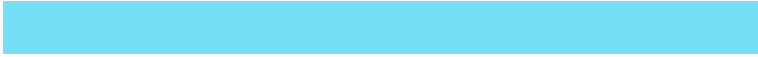
73.4417, 63.2195, 83.2773



57.9712, 63.2195, 37.6002

Complementary

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



50.3403, 63.2195, 95.9356



50.3056, 39.4781, 22.1099

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.



64.9394, 63.2195, 38.9407



50.3403, 63.2195, 95.9356



74.2360, 63.2195, 62.8801

Square

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



50.3403, 63.2195, 95.9356



68.9262, 63.2195, 102.8544



71.0197, 63.2195, 47.3895



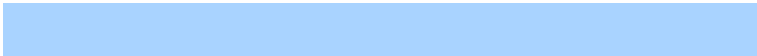
52.0400, 63.2195, 43.2902

Rectangle

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



50.3403, 63.2195, 95.9356



59.9125, 63.2195, 114.5247



71.0197, 63.2195, 47.3895



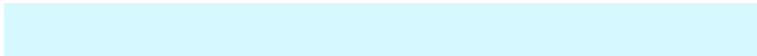
60.2643, 63.2195, 37.2719

Sweetspot

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



50.3423, 63.2219, 95.9371



79.3867, 88.6397, 107.5328



44.7976, 71.0267, 35.8403



16.6093, 18.6866, 22.9814



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.



50.3423, 63.2219, 95.9371



50.6066, 65.0308, 104.4927



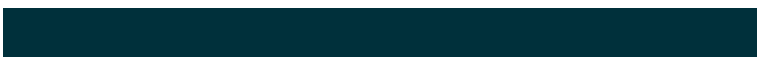
36.5830, 35.7034, 91.3507



16.7382, 18.2407, 21.1812



20.4189, 26.6316, 50.6023



1.8575, 2.4664, 4.4684

Inverse Universe

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



57.4556, 37.6988, 74.0630



59.4556, 35.3710, 76.8121



62.2050, 63.2768, 26.0764



17.0832, 16.7161, 20.1846



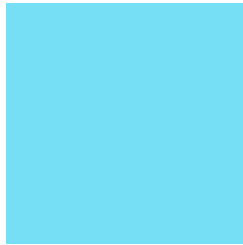
26.1110, 12.7879, 31.6228



2.3266, 1.1366, 2.9465

Previews

White Background



This preview shows how the XYZ color 50.3403, 63.2195, 95.9356 looks on a white background.

Color Contrast Check

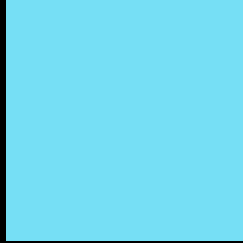
Large Text (above 18pt) WCAG AA × Fail

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 50.3403, 63.2195, 95.9356 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 50.3403, 63.2195, 95.9356

Background



This preview shows how black text looks on a background with the XYZ color 50.3403, 63.2195, 95.9356.

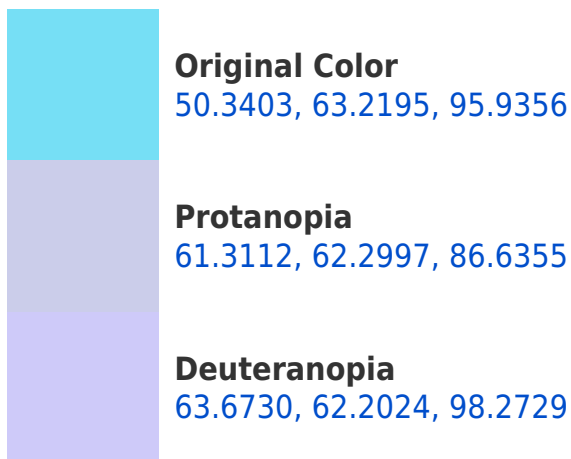


This preview shows how white text looks on a background with the XYZ color 50.3403, 63.2195,

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

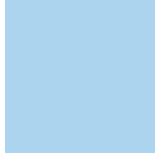
50.0188, 63.5040, 93.6256

Trichromacy



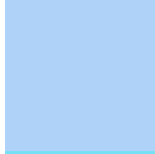
Original Color

50.3403, 63.2195, 95.9356



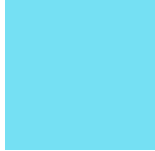
Protanomaly

55.9894, 62.0307, 89.9111



Deuteranomaly

57.4454, 61.8692, 97.7212



Tritanomaly

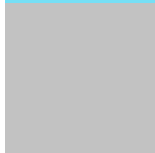
50.1694, 63.5643, 94.4189

Monochromacy



Original Color

50.3403, 63.2195, 95.9356



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

49.5674, 56.5737, 71.2581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3403, 63.2195, 95.9356 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(118, 223, 245)` looks like.

```
.text, #text, p{  
    color:rgb(118, 223, 245)  
}
```

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(118, 223, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 223, 245) }
```

Border

The CSS property to change the border of an element to XYZ 50.3403, 63.2195, 95.9356 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(118, 223, 245) }
```


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

```
.border{ border-color:rgb(118, 223, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 223, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 223, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 223, 245);  
box-shadow:4px 4px 4px 4px rgb(118, 223,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3403, 63.2195, 95.9356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 223, 245) }
```

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

```
.background{ background-color: rgb(118,  
223, 245) }
```

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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