

Converting Colors

XYZ(45.0282, 49.0604, 66.1287)

Have a look what the booklet for
XYZ(45.0282, 49.0604, 66.1287)
contains.

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Color

**XYZ(44.9771, 48.8995,
66.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BDCF
RGB	165, 189, 207
RGB Percent	65%, 74%, 81%
CMY	0.3529, 0.2588, 0.1882
CMYK	0.20, 0.09, 0.00, 0.19
HSL	206°, 30%, 73%
HSV	206°, 20%, 81%
XYZ	44.9771, 48.8995, 66.0995
YIQ	183.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

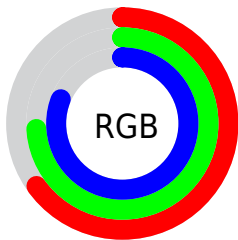
Format	Color
RYB	165, 180, 207
Decimal	10862031
CIELab	75.39, -4.29, -11.78
CIELCh	75, 12.535, 250.009
Yxy	48.8995, 0.2811, 0.3057
Android (android.graphics.Color)	4289052111 (0xFFA5BDCF)
YUV	183.8760, 11.4001, -16.5543
Hunter-Lab	69.9282, -7.5649, -7.0941

Details

The XYZ color **44.9771, 48.8995, 66.0995** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.4576, 49.8490, 42.6134**, and the grayscale version is **45.4397, 47.8061, 52.0609**.

A 20% lighter version of the original color is **80.2176, 87.7405, 107.3154**, and **21.3640, 23.4189, 33.5313** is the 20% darker color. If you saturate the color by 10%, you get **39.1653, 43.1581, 65.2984**, and if you desaturate by 10%, it is **51.6054, 55.2376, 66.9743**.

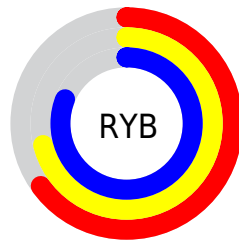
Distribution



Red (65%)

Green (74%)

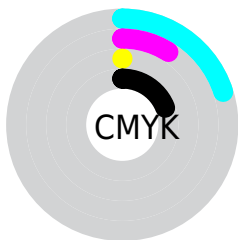
Blue (81%)



Red (65%)

Yellow (71%)

Blue (81%)

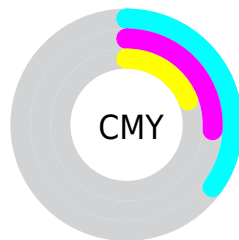


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (26%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9771, 48.8995, 66.0995 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 44.9771, 48.8995, 66.0995 by changing the saturation by 10% instead.

■ 44.9771, 48.8995,
66.0995

■ 44.9771, 48.8995,
66.0995

357.4661,
382.3465, 465.1466

■ 31.6406, 34.5398,
47.8962

■ 81.9233, 88.5422,
115.2575

■ 21.2413, 23.3086,
33.3853

■ 106.2637,
114.5939, 147.0493

■ 13.4140, 14.8215,
22.1482

135.0029,
145.3117, 184.2076

■ 7.7932, 8.6942,
13.7665

168.5060,
181.0801, 227.1510

■ 4.0136, 4.5423,
7.8215

207.1385,
222.2834, 276.2981

■ 1.7098, 1.9813,
3.8948

251.2658,

■ 0.4624, 0.5966,

269.3059, 332.0673

1.5678

301.2532,
322.5322, 394.8773

■ 0.0000, 0.0000,
0.2677

■ 0.0000, 0.0000,
0.0000

■ 44.9771, 48.8995,
66.0995

■ 44.9771, 48.8995,
66.0995

■ 39.1653, 43.1581,
65.2984

■ 51.6054, 55.2376,
66.9743

■ 34.1301, 37.9859,
64.5655

■ 59.0791, 62.1865,
67.9217

■ 29.8345, 33.3621,
63.8994

■ 67.4309, 69.7673,
68.9447

■ 26.2368, 29.2619,
63.2976

■ 76.6904, 77.9980,
70.0454

■ 23.2905, 25.6578,
62.7572

■ 81.7423, 84.2445,
70.9848

■ 20.9427, 22.5193,
62.2752

■ 84.3221, 89.4039,
71.8447

■ 19.1311, 19.8107,
61.8478

■ 87.0299, 94.8196,
72.7473

■ 17.7762, 17.5322,
61.4794

■ 88.2626, 97.2851,
73.1583

Harmonies

Analogous

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



43.1613, 48.8995, 61.8376



44.9771, 48.8995, 66.0995



47.2529, 48.8995, 66.7627

Triad

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



44.9771, 48.8995, 66.0995



50.9852, 48.8995, 51.0651



43.6830, 48.8995, 44.0915

Complementary

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



44.9771, 48.8995, 66.0995



49.4576, 49.8490, 42.6134

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.



45.7106, 48.8995, 41.6844



44.9771, 48.8995, 66.0995



49.9594, 48.8995, 45.4846

Square

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



44.9771, 48.8995, 66.0995



50.7730, 48.8995, 57.7066



48.0109, 48.8995, 42.1724



42.4314, 48.8995, 49.0162

Rectangle

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



44.9771, 48.8995, 66.0995



48.7321, 48.8995, 65.0222



48.0109, 48.8995, 42.1724



44.2936, 48.8995, 42.9803

Sweetspot

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



44.9786, 48.9015, 66.1006



87.5874, 93.1008, 107.9616



46.3261, 56.0240, 52.9004



18.5800, 19.7714, 23.0869



0.0000, 0.0000, 0.0000



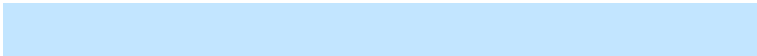
20.3446, 21.4041, 23.3091

Same Dimension

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



44.9786, 48.9015, 66.1006



68.2039, 74.5770, 105.4078



40.8756, 40.6956, 64.7330



11.7164, 12.5232, 15.0433



11.2952, 11.2371, 38.7661



0.7095, 0.7841, 2.1935

Inverse Universe

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



48.3737, 43.8509, 54.0608



74.5987, 65.3992, 82.6555



53.9987, 58.9313, 44.1272



12.0878, 11.9198, 13.7380



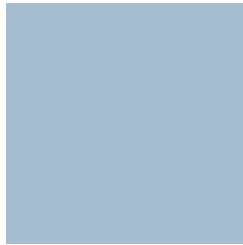
18.3321, 9.2057, 11.9207



1.0643, 0.5305, 0.8736

Previews

White Background



This preview shows how the XYZ color 44.9771, 48.8995, 66.0995 looks on a white background.

Color Contrast Check

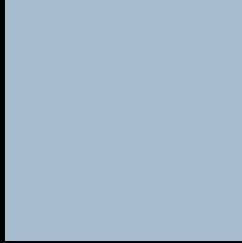
Large Text (above 18pt) WCAG AA × Fail

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 44.9771, 48.8995, 66.0995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

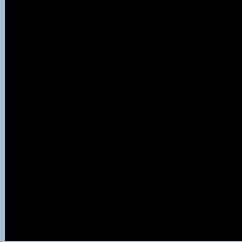
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

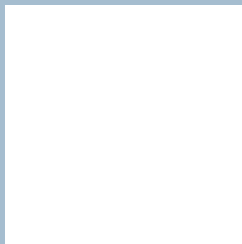
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.9771, 48.8995, 66.0995

Background



This preview shows how black text looks on a background with the XYZ color 44.9771, 48.8995, 66.0995.



This preview shows how white text looks on a background with the XYZ color 44.9771, 48.8995,

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

44.9771, 48.8995, 66.0995

Protanopia

47.5680, 48.7079, 64.0212

Deuteranopia

49.7707, 48.8577, 67.1289



Tritanopia

44.7341, 48.8023, 64.8197

Trichromacy



Original Color

44.9771, 48.8995, 66.0995

Protanomaly

46.4828, 48.7557, 64.7185

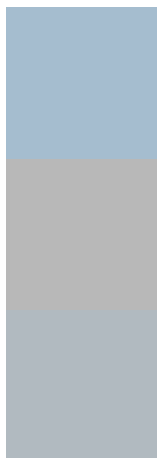
Deuteranomaly

47.8171, 48.7801, 66.5698

Tritanomaly

44.8552, 48.8508, 65.4575

Monochromacy



Original Color

44.9771, 48.8995, 66.0995

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.2048, 48.2707, 56.8038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9771, 48.8995, 66.0995 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(165, 189, 207)` looks like.

```
.text, #text, p{  
    color:rgb(165, 189, 207)  
}
```

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(165, 189, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 189, 207) }
```

Border

The CSS property to change the border of an element to XYZ 44.9771, 48.8995, 66.0995 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(165, 189, 207) }
```


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

```
.border{ border-color:rgb(165, 189, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 189, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 189, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 189, 207);  
box-shadow:4px 4px 4px 4px rgb(165, 189,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9771, 48.8995, 66.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 189, 207) }
```

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

```
.background{ background-color: rgb(165,  
189, 207) }
```

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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