

Converting Colors

XYZ(44.1937, 48.4479, 64.1498)

Have a look what the booklet for
XYZ(44.1937, 48.4479, 64.1498)
contains.

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Color

**XYZ(44.2009, 48.5414,
64.1665)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BDCC
RGB	163, 189, 204
RGB Percent	64%, 74%, 80%
CMY	0.3608, 0.2588, 0.2000
CMYK	0.20, 0.07, 0.00, 0.20
HSL	202°, 29%, 72%
HSV	202°, 20%, 80%
XYZ	44.2009, 48.5414, 64.1665
YIQ	182.9360, -20.3110, -0.8470

Conversions

Conversions Part 2

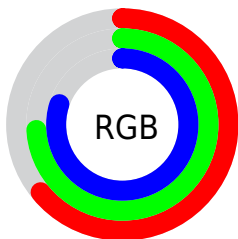
Format	Color
R _{YB}	163, 179, 204
Decimal	10730956
CIE Lab	75.17, -5.58, -10.50
CIE LCh	75, 11.887, 242.026
Yxy	48.5414, 0.2817, 0.3094
Android (android.graphics.Color)	4288921036 (0xFFFA3BDCC)
YUV	182.9360, 10.3846, -17.4839
Hunter-Lab	69.6717, -8.6819, -5.8350

Details

The XYZ color **44.2009, 48.5414, 64.1665** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4334, 47.3223, 41.2853**, and the grayscale version is **44.9287, 47.2685, 51.4754**.

A 20% lighter version of the original color is **79.6158, 87.4302, 107.2873**, and **20.8647, 23.1898, 32.2306** is the 20% darker color. If you saturate the color by 10%, you get **38.7924, 43.4325, 63.4662**, and if you desaturate by 10%, it is **50.3687, 54.1669, 64.9280**.

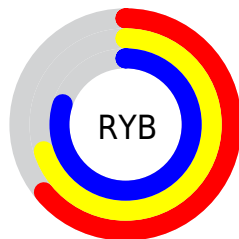
Distribution



Red (64%)

Green (74%)

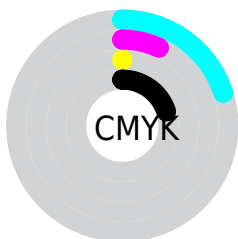
Blue (80%)



Red (64%)

Yellow (70%)

Blue (80%)

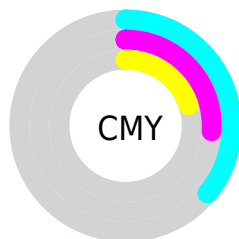


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (20%)



Cyan (36%)

Magenta (26%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2009, 48.5414, 64.1665 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 44.2009, 48.5414, 64.1665 by changing the saturation by 10% instead.

■ 44.2009, 48.5414,
64.1665

■ 44.2009, 48.5414,
64.1665

354.3658,
380.9341, 458.0146

■ 31.0271, 34.2558,
46.3385

■ 80.7644, 88.0099,
112.4525

■ 20.7714, 23.0902,
32.1624

■ 104.8849,
113.9617, 143.7475

■ 13.0685, 14.6601,
21.2197

133.3848,
144.5710, 180.3686

■ 7.5531, 8.5812,
13.0919

166.6298,
180.2222, 222.7344

■ 3.8597, 4.4690,
7.3604

204.9850,
221.2997, 271.2633

■ 1.6231, 1.9392,
3.6067

248.8158,

■ 0.4074, 0.5718,

268.1880, 326.3740

1.4121

298.4877,
321.2713, 388.4849

■ 0.0000, 0.0000,
0.1512

■ 0.0000, 0.0000,
0.0000

■ 44.2009, 48.5414,
64.1665

■ 44.2009, 48.5414,
64.1665

■ 38.7924, 43.4325,
63.4662

■ 50.3687, 54.1669,
64.9280

■ 34.1053, 38.8150,
62.8220

■ 57.3227, 60.3208,
65.7493

■ 30.1050, 34.6705,
62.2329

■ 65.0938, 67.0221,
66.6332

■ 26.7520, 30.9766,
61.6966

■ 73.7099, 74.2869,
67.5814

■ 24.0023, 27.7089,
61.2108

■ 79.4213, 80.1837,
68.4186

■ 21.8062, 24.8396,
60.7727

■ 81.4986, 84.3383,
69.1110

■ 20.1047, 22.3363,
60.3792

■ 83.6653, 88.6719,
69.8332

■ 18.7996, 20.1605,
60.0280

■ 85.9226, 93.1864,
70.5857

■ 87.8992, 97.1397,
71.2446

Harmonies

Analogous

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



42.6777, 48.5414, 59.4707



44.2009, 48.5414, 64.1665



46.2853, 48.5414, 65.7655

Triad

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



44.2009, 48.5414, 64.1665



50.4493, 48.5414, 52.4305



43.9522, 48.5414, 43.3250

Complementary

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



44.2009, 48.5414, 64.1665



47.4334, 47.3223, 41.2853

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.



45.9893, 48.5414, 41.7526



44.2009, 48.5414, 64.1665



49.7787, 48.5414, 46.7460

Square

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



44.2009, 48.5414, 64.1665



49.9346, 48.5414, 58.6799



48.1291, 48.5414, 42.9548



42.5373, 48.5414, 47.4258

Rectangle

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



44.2009, 48.5414, 64.1665



47.7253, 48.5414, 64.7668



48.1291, 48.5414, 42.9548



44.5847, 48.5414, 42.4985

Sweetspot

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



44.2023, 48.5434, 64.1676



87.8839, 93.6938, 108.0605



44.6687, 54.1614, 49.8789



18.6502, 19.9117, 23.1103



0.0000, 0.0000, 0.0000



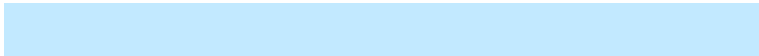
20.3446, 21.4041, 23.3091

Same Dimension

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



44.2023, 48.5434, 64.1676



69.2765, 76.7223, 105.7654



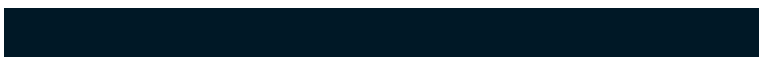
40.2201, 40.5789, 62.8402



11.1848, 12.0101, 14.2991



11.9239, 12.8717, 37.8123



0.6859, 0.8055, 1.9743

Inverse Universe

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



47.1854, 42.7069, 53.9028



75.1402, 65.6157, 85.5066



51.6733, 55.8022, 42.6986



11.5067, 11.3314, 13.2027



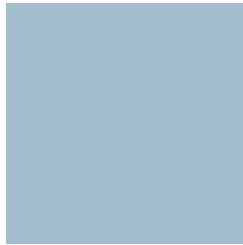
18.2295, 9.1024, 14.1933



0.9762, 0.4839, 0.9203

Previews

White Background



This preview shows how the XYZ color 44.2009, 48.5414, 64.1665 looks on a white background.

Color Contrast Check

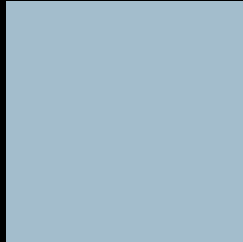
Large Text (above 18pt) WCAG AA × Fail

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 44.2009, 48.5414, 64.1665 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

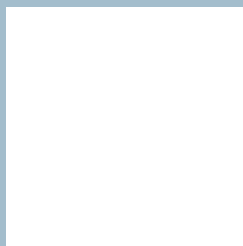
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2009, 48.5414, 64.1665

Background



This preview shows how black text looks on a background with the XYZ color 44.2009, 48.5414, 64.1665.



This preview shows how white text looks on a background with the XYZ color 44.2009, 48.5414,

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

44.2009, 48.5414, 64.1665

Protanopia

47.2115, 48.5653, 62.1441

Deuteranopia

49.4542, 48.4362, 65.1351



Tritanopia

44.2009, 48.5414, 64.1665

Trichromacy



Original Color

44.2009, 48.5414, 64.1665

Protanomaly

46.1241, 48.6122, 62.8292

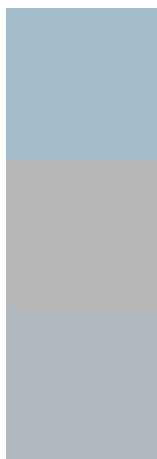
Deuteranomaly

47.2443, 48.2198, 64.5749

Tritanomaly

44.2009, 48.5414, 64.1665

Monochromacy



Original Color

44.2009, 48.5414, 64.1665

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.6574, 47.6896, 56.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2009, 48.5414, 64.1665 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(163, 189, 204)` looks like.

```
.text, #text, p{  
    color:rgb(163, 189, 204)  
}
```

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(163, 189, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 189, 204) }
```

Border

The CSS property to change the border of an element to XYZ 44.2009, 48.5414, 64.1665 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(163, 189, 204) }
```


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

```
.border{ border-color:rgb(163, 189, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 189, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 189, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 189, 204);  
box-shadow:4px 4px 4px 4px rgb(163, 189,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2009, 48.5414, 64.1665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 189, 204) }
```

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

```
.background{ background-color: rgb(163,  
189, 204) }
```

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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