

Converting Colors

XYZ(44.5815, 50.9443, 60.5299)

Have a look what the booklet for
XYZ(44.5815, 50.9443, 60.5299)
contains.

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Color

**XYZ(44.4934, 50.7428,
60.2726)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C3C5
RGB	162, 195, 197
RGB Percent	64%, 76%, 77%
CMY	0.3647, 0.2353, 0.2274
CMYK	0.18, 0.01, 0.00, 0.23
HSL	183°, 23%, 70%
HSV	183°, 18%, 77%
XYZ	44.4934, 50.7428, 60.2726
YIQ	185.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

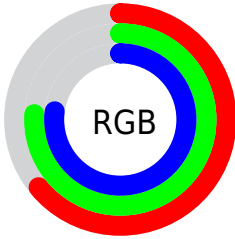
Format	Color
RYB	162, 179, 197
Decimal	10666949
CIELab	76.52, -10.58, -4.69
CIElCh	77, 11.571, 203.934
Yxy	50.7428, 0.2861, 0.3263
Android (android.graphics.Color)	4288857029 (0xFFA2C3C5)
YUV	185.3610, 5.7380, -20.4876
Hunter-Lab	71.2340, -13.1667, -0.3028

Details

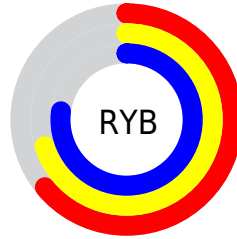
The XYZ color **44.4934, 50.7428, 60.2726** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8233, 41.0298, 39.8458**, and the grayscale version is **46.2934, 48.7042, 53.0389**.

A 20% lighter version of the original color is **81.3151, 91.5283, 107.1469**, and **20.9132, 24.3479, 29.5840** is the 20% darker color. If you saturate the color by 10%, you get **40.5504, 48.3389, 60.0172**, and if you desaturate by 10%, it is **49.0681, 53.4779, 60.5602**.

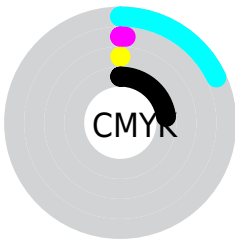
Distribution



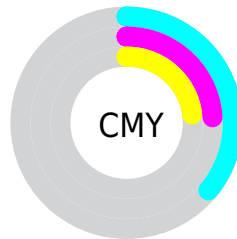
- Red (64%)
- Green (76%)
- Blue (77%)



- Red (64%)
- Yellow (70%)
- Blue (77%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4934, 50.7428, 60.2726 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 44.4934, 50.7428, 60.2726 by changing the saturation by 10% instead.

■ 44.4934, 50.7428,
60.2726

■ 44.4934, 50.7428,
60.2726

355.5362,
389.5637, 443.4343

■ 31.2582, 36.0040,
43.2117

■ 81.2014, 91.2745,
106.7722

■ 20.9483, 24.4373,
29.7186

■ 105.4049,
117.8361, 137.0480

■ 13.1985, 15.6583,
19.3749

133.9952,
149.1074, 172.5659

■ 7.6433, 9.2827,
11.7619

167.3377,
185.4729, 213.7443

■ 3.9174, 4.9260,
6.4612

205.7977,
227.3168, 261.0018

■ 1.6555, 2.2039,
3.0542

249.7405,

■ 0.4282, 0.7221,

275.0237, 314.7569

1.1224

299.5316,
328.9778, 375.4283

■ 0.0000, 0.0000,
0.0000

■ 44.4934, 50.7428,
60.2726

■ 44.4934, 50.7428,
60.2726

■ 40.5504, 48.3389,
60.0172

■ 49.0681, 53.4779,
60.5602

■ 37.2057, 46.2449,
59.7893

■ 54.2975, 56.5518,
60.8779

■ 34.4292, 44.4467,
59.5886

■ 60.2084, 59.9801,
61.2281

■ 32.1868, 42.9265,
59.4134

■ 66.8252, 63.7750,
61.6119

■ 30.4404, 41.6649,
59.2619

■ 72.1175, 66.8900,
61.9342

■ 29.1470, 40.6395,
59.1321

■ 72.3799, 67.4148,
62.0216

■ 28.2562, 39.8245,
59.0218

■ 72.6443, 67.9434,
62.1097

■ 27.6944, 39.1819,
58.9273

■ 72.9105, 68.4759,
62.1985

■ 27.5865, 39.0478,
58.9071

■ 73.1787, 69.0122,
62.2879

Harmonies

Analogous

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



44.1744, 50.7428, 53.9896



44.4934, 50.7428, 60.2726



45.8001, 50.7428, 65.5496

Triad

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



44.4934, 50.7428, 60.2726



51.7031, 50.7428, 62.6347



48.6745, 50.7428, 44.1366

Complementary

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



44.4934, 50.7428, 60.2726



42.8233, 41.0298, 39.8458

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.



50.7433, 50.7428, 46.0906



44.4934, 50.7428, 60.2726



52.5255, 50.7428, 56.5305

Square

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



44.4934, 50.7428, 60.2726



49.9527, 50.7428, 66.9837



52.1691, 50.7428, 50.5150



46.5464, 50.7428, 44.9739

Rectangle

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



44.4934, 50.7428, 60.2726



47.0771, 50.7428, 67.6273



52.1691, 50.7428, 50.5150



49.4006, 50.7428, 44.4838

Sweetspot

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



44.4949, 50.7449, 60.2737



90.2821, 97.1982, 108.6105



41.5457, 50.2861, 42.5210



19.1860, 20.7229, 23.2387



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.



44.4949, 50.7449, 60.2737



77.0514, 89.2857, 107.7806



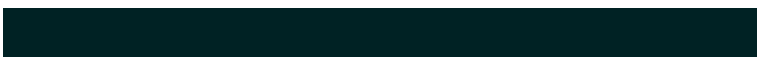
40.8499, 43.4549, 59.0587



10.8929, 11.9598, 13.6519



18.1657, 25.7254, 38.7524



0.8763, 1.2504, 1.8403

Inverse Universe

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



45.7977, 41.6521, 57.2580



79.7935, 70.2681, 101.4066



46.1231, 47.6293, 40.9457



11.0560, 10.8058, 13.2780



20.9686, 10.1370, 31.3740



1.0010, 0.4832, 1.5285

Previews

White Background



This preview shows how the XYZ color 44.4934, 50.7428, 60.2726 looks on a white background.

Color Contrast Check

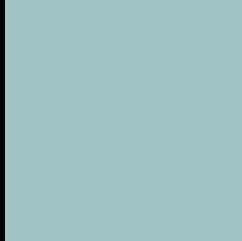
Large Text (above 18pt) WCAG AA × Fail

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 44.4934, 50.7428, 60.2726 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 44.4934, 50.7428, 60.2726

Background



This preview shows how black text looks on a background with the XYZ color 44.4934, 50.7428, 60.2726.

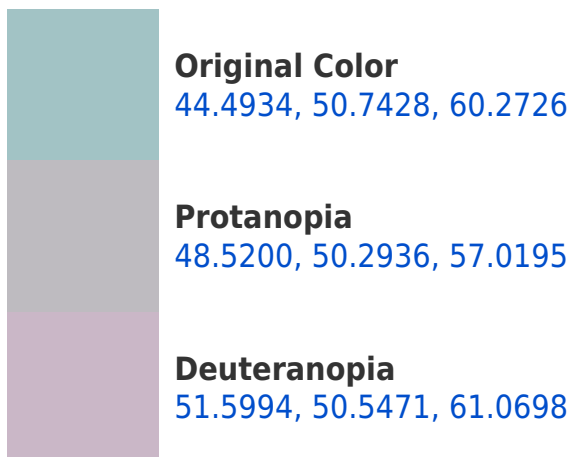


This preview shows how white text looks on a background with the XYZ color 44.4934, 50.7428,

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

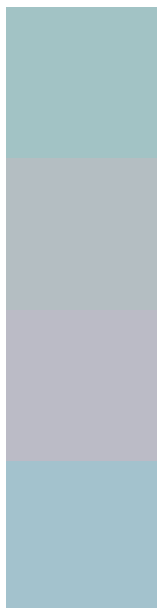




Tritanopia

45.8884, 50.6359, 67.6767

Trichromacy



Original Color

44.4934, 50.7428, 60.2726

Protanomaly

46.9735, 50.4253, 58.2962

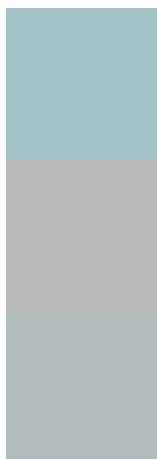
Deuteranomaly

48.4569, 50.1827, 60.5584

Tritanomaly

45.4155, 50.7779, 65.1651

Monochromacy



Original Color

44.4934, 50.7428, 60.2726

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.5144, 49.4164, 55.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4934, 50.7428, 60.2726 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(162, 195, 197)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 197)  
}
```

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(162, 195, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 197) }
```

Border

The CSS property to change the border of an element to XYZ 44.4934, 50.7428, 60.2726 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(162, 195, 197) }
```


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

```
.border{ border-color:rgb(162, 195, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 195, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 197);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4934, 50.7428, 60.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 195, 197) }
```

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

```
.background{ background-color: rgb(162,  
195, 197) }
```

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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