

Converting Colors

XYZ(44.8162, 50.6121, 59.8407)

Have a look what the booklet for
XYZ(44.8162, 50.6121, 59.8407)
contains.

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Color

**XYZ(44.7726, 50.5684,
59.6255)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C2C4
RGB	165, 194, 196
RGB Percent	65%, 76%, 77%
CMY	0.3529, 0.2392, 0.2314
CMYK	0.16, 0.01, 0.00, 0.23
HSL	184°, 21%, 71%
HSV	184°, 16%, 77%
XYZ	44.7726, 50.5684, 59.6255
YIQ	185.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

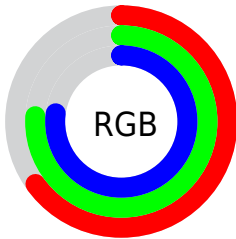
Format	Color
RYB	165, 180, 196
Decimal	10863300
CIELab	76.42, -9.31, -4.29
CIELCh	76, 10.248, 204.731
Yxy	50.5684, 0.2889, 0.3263
Android (android.graphics.Color)	4289053380 (0xFFA5C2C4)
YUV	185.5570, 5.1484, -18.0285
Hunter-Lab	71.1115, -12.0594, 0.0646

Details

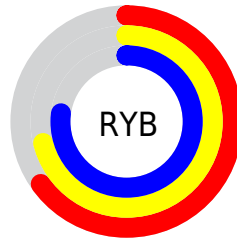
The XYZ color **44.7726, 50.5684, 59.6255** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3755, 42.0897, 41.4361**, and the grayscale version is **46.4049, 48.8216, 53.1667**.

A 20% lighter version of the original color is **81.7420, 91.3019, 106.2433**, and **21.0706, 24.2199, 29.1555** is the 20% darker color. If you saturate the color by 10%, you get **40.7247, 48.0675, 59.3569**, and if you desaturate by 10%, it is **49.4506, 53.4004, 59.9264**.

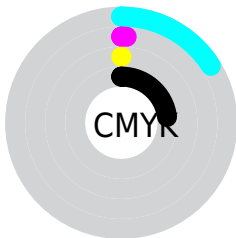
Distribution



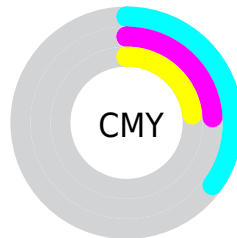
- Red (65%)
- Green (76%)
- Blue (77%)



- Red (65%)
- Yellow (71%)
- Blue (77%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



- Cyan (35%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7726, 50.5684, 59.6255 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 44.7726, 50.5684, 59.6255 by changing the saturation by 10% instead.

■ 44.7726, 50.5684,
59.6255

■ 44.7726, 50.5684,
59.6255

356.6510,
388.8846, 440.9823

■ 31.4789, 35.8652,
42.6935

■ 81.6182, 91.0165,
105.8243

■ 21.1174, 24.3301,
29.3151

■ 105.9008,
117.5302, 135.9281

■ 13.3228, 15.5787,
19.0717

134.5771,
148.7495, 171.2597

■ 7.7297, 9.2265,
11.5448

168.0124,
185.0589, 212.2376

■ 3.9728, 4.8892,
6.3158

206.5721,
226.8427, 259.2802

■ 1.6868, 2.1824,
2.9661

250.6215,

■ 0.4480, 0.7104,

274.4853, 312.8062

1.0774

300.5261,
328.3711, 373.2340

■ 0.0000, 0.0000,
0.0000

■ 44.7726, 50.5684,
59.6255

■ 44.7726, 50.5684,
59.6255

■ 40.7247, 48.0675,
59.3569

■ 49.4506, 53.4004,
59.9264

■ 37.2742, 45.8767,
59.1159

■ 54.7809, 56.5708,
60.2574

■ 34.3920, 43.9825,
58.9022

■ 60.7899, 60.0947,
60.6209

■ 32.0447, 42.3675,
58.7142

■ 67.5013, 63.9843,
61.0179

■ 30.1958, 41.0130,
58.5502

■ 71.9320, 66.7018,
61.3089

■ 28.8038, 39.8975,
58.4083

■ 72.2264, 67.2904,
61.4070

■ 27.8207, 38.9963,
58.2861

■ 72.5231, 67.8838,
61.5059

■ 27.1866, 38.2785,
58.1810

■ 72.8222, 68.4821,
61.6056

■ 26.9745, 38.0066,
58.1397

■ 73.1238, 69.0853,
61.7062

Harmonies

Analogous

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



44.4638, 50.5684, 54.0905



44.7726, 50.5684, 59.6255



45.9535, 50.5684, 64.1975

Triad

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



44.7726, 50.5684, 59.6255



51.1564, 50.5684, 61.4253



48.4052, 50.5684, 45.1447

Complementary

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



44.7726, 50.5684, 59.6255



43.3755, 42.0897, 41.4361

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.



50.2377, 50.5684, 46.8342



44.7726, 50.5684, 59.6255



51.8530, 50.5684, 56.0418

Square

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



44.7726, 50.5684, 59.6255



49.6324, 50.5684, 65.2844



51.5124, 50.5684, 50.7345



46.5285, 50.5684, 45.9638

Rectangle

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



44.7726, 50.5684, 59.6255



47.0934, 50.5684, 65.9581



51.5124, 50.5684, 50.7345



49.0473, 50.5684, 45.4345

Sweetspot

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



44.7741, 50.5705, 59.6266



90.2523, 97.1385, 108.6005



42.1913, 50.2535, 43.8185



19.1787, 20.7083, 23.2362



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.



44.7741, 50.5705, 59.6266



78.4288, 89.9651, 107.8391



41.5918, 44.2059, 58.5659



10.3112, 11.3137, 12.9251



17.3563, 24.4692, 37.3649



0.7670, 1.0914, 1.6201

Inverse Universe

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



45.9588, 42.5421, 56.8305



80.9954, 72.6885, 101.7558



46.2955, 47.9296, 42.4094



10.4684, 10.2360, 12.5570



20.1567, 9.7524, 29.8007



0.8795, 0.4248, 1.3329

Previews

White Background



This preview shows how the XYZ color 44.7726, 50.5684, 59.6255 looks on a white background.

Color Contrast Check

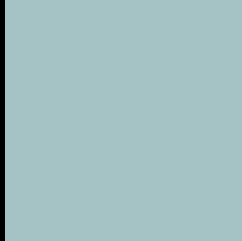
Large Text (above 18pt) WCAG AA × Fail

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 44.7726, 50.5684, 59.6255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

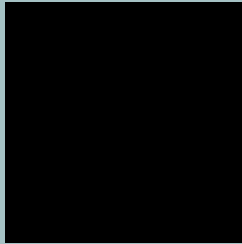
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

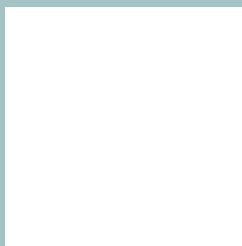
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.7726, 50.5684, 59.6255

Background



This preview shows how black text looks on a background with the XYZ color 44.7726, 50.5684, 59.6255.

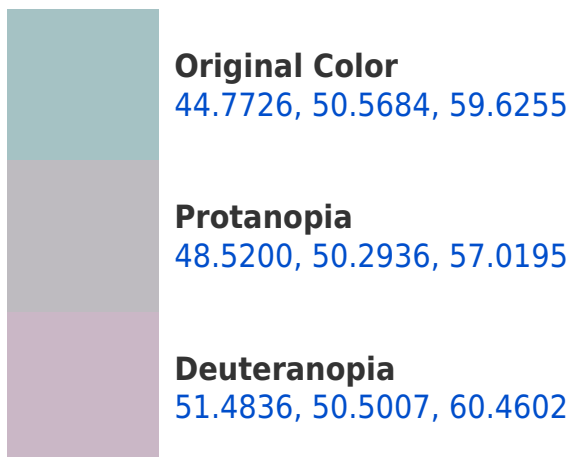


This preview shows how white text looks on a background with the XYZ color 44.7726, 50.5684,

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

46.1712, 50.4688, 66.9825

Trichromacy



Original Color

44.7726, 50.5684, 59.6255

Protanomaly

47.0952, 50.5009, 57.7175

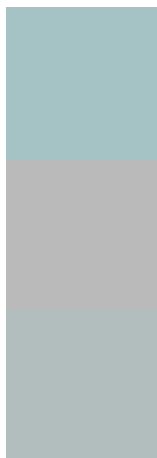
Deuteranomaly

48.8346, 50.3907, 59.9758

Tritanomaly

45.6949, 50.6066, 64.4864

Monochromacy



Original Color

44.7726, 50.5684, 59.6255

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.8520, 49.5779, 55.8680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7726, 50.5684, 59.6255 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, 194, 196)` looks like.

```
.text, #text, p{  
    color:rgb(165, 194, 196)  
}
```

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, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 194, 196) }
```

Border

The CSS property to change the border of an element to XYZ 44.7726, 50.5684, 59.6255 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, 194, 196) }
```


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

```
.border{ border-color:rgb(165, 194, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 194, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(165, 194,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7726, 50.5684, 59.6255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 194, 196) }
```

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

```
.background{ background-color: rgb(165,  
194, 196) }
```

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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