

Converting Colors

XYZ(44.1830, 50.4105, 58.6629)

Have a look what the booklet for
XYZ(44.1830, 50.4105, 58.6629)
contains.

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Color

**XYZ(44.1336, 50.2651,
58.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C2C2
RGB	163, 194, 194
RGB Percent	64%, 76%, 76%
CMY	0.3608, 0.2392, 0.2392
CMYK	0.16, 0.00, 0.00, 0.24
HSL	180°, 20%, 70%
HSV	180°, 16%, 76%
XYZ	44.1336, 50.2651, 58.4150
YIQ	184.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

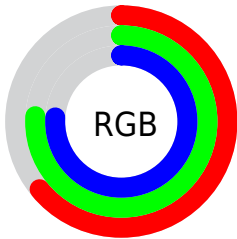
Format	Color
RYB	163, 179, 194
Decimal	10732226
CIELab	76.23, -10.37, -3.49
CIELCh	76, 10.942, 198.609
Yxy	50.2651, 0.2888, 0.3289
Android (android.graphics.Color)	4288922306 (0xFFA3C2C2)
YUV	184.7310, 4.5696, -19.0581
Hunter-Lab	70.8979, -12.9559, 0.7776

Details

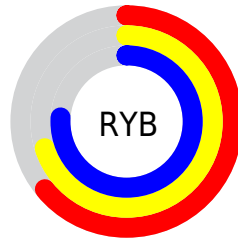
The XYZ color **44.1336, 50.2651, 58.4150** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9579, 40.3094, 40.2214**, and the grayscale version is **45.9485, 48.3414, 52.6438**.

A 20% lighter version of the original color is **80.6659, 90.8019, 103.7175**, and **20.6673, 24.0291, 28.3597** is the 20% darker color. If you saturate the color by 10%, you get **40.4623, 48.3738, 58.2433**, and if you desaturate by 10%, it is **48.4171, 52.4747, 58.6175**.

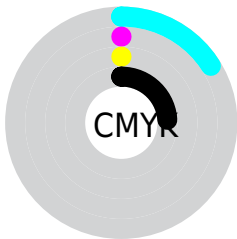
Distribution



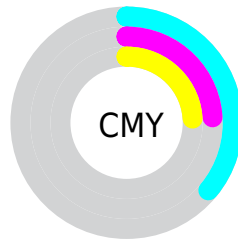
- Red (64%)
- Green (76%)
- Blue (76%)



- Red (64%)
- Yellow (70%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1336, 50.2651, 58.4150 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 44.1336, 50.2651, 58.4150 by changing the saturation by 10% instead.

■ 44.1336, 50.2651,
58.4150

■ 44.1336, 50.2651,
58.4150

354.0962,
387.7017, 436.3719

■ 30.9739, 35.6241,
41.7255

■ 80.6638, 90.5675,
104.0477

■ 20.7307, 24.1440,
28.5624

■ 104.7651,
116.9977, 133.8279

■ 13.0386, 15.4405,
18.5073

133.2443,
148.1265, 168.8088

■ 7.5323, 9.1291,
11.1416

166.4667,
184.3381, 209.4089

■ 3.8465, 4.8255,
6.0468

204.7978,
226.0171, 256.0467

■ 1.6156, 2.1452,
2.8043

248.6028,

■ 0.4026, 0.6899,

273.5477, 309.1408

0.9956

298.2472,
327.3145, 369.1097

■ 0.0000, 0.0000,
0.0000

■ 44.1336, 50.2651,
58.4150

■ 44.1336, 50.2651,
58.4150

■ 40.4623, 48.3738,
58.2433

■ 48.4171, 52.4747,
58.6175

■ 37.3713, 46.7804,
58.0977

■ 53.3345, 55.0096,
58.8486

■ 34.8322, 45.4714,
57.9779

■ 58.9116, 57.8847,
59.1106

■ 32.8124, 44.4302,
57.8824

■ 65.1715, 61.1118,
59.4045

■ 31.2763, 43.6383,
57.8095

■ 70.2714, 63.7408,
59.6441

■ 30.1832, 43.0749,
57.7574

■ 70.2716, 63.7409,
59.6451

■ 29.4864, 42.7157,
57.7238

■ 70.2717, 63.7410,
59.6461

■ 29.1266, 42.5302,
57.7060

■ 70.2719, 63.7411,
59.6470

■ 29.0289, 42.4798,
57.7011

■ 70.2721, 63.7411,
59.6480

Harmonies

Analogous

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



44.0118, 50.2651, 52.5290



44.1336, 50.2651, 58.4150



45.2144, 50.2651, 63.6508

Triad

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



44.1336, 50.2651, 58.4150



50.7964, 50.2651, 62.5450



48.5588, 50.2651, 44.3854

Complementary

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



44.1336, 50.2651, 58.4150



41.9579, 40.3094, 40.2214

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.



50.4315, 50.2651, 46.6846



44.1336, 50.2651, 58.4150



51.7478, 50.2651, 56.9919

Square

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



44.1336, 50.2651, 58.4150



49.0454, 50.2651, 66.1504



51.6124, 50.2651, 51.2036



46.5277, 50.2651, 44.7063

Rectangle

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



44.1336, 50.2651, 58.4150



46.3511, 50.2651, 65.9378



51.6124, 50.2651, 51.2036



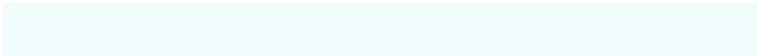
49.2287, 50.2651, 44.8704

Sweetspot

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



44.1351, 50.2672, 58.4161



88.4705, 95.4556, 106.2308



41.1143, 49.0711, 41.9559



19.2425, 20.8359, 23.2573



0.0000, 0.0000, 0.0000



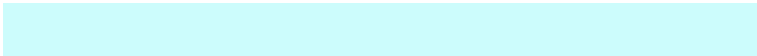
20.3446, 21.4041, 23.3091

Same Dimension

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



44.1351, 50.2672, 58.4161



77.6282, 89.8663, 105.7209



40.9667, 43.9300, 57.3615



10.3685, 11.4285, 12.9441



19.0848, 27.9280, 37.9351



0.8246, 1.2067, 1.6391

Inverse Universe

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



41.9579, 40.3094, 40.2214



72.9741, 68.5791, 66.8254



44.7778, 45.9496, 41.1602



10.0733, 10.0779, 10.4764



14.6276, 7.5408, 0.6849



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 44.1336, 50.2651, 58.4150 looks on a white background.

Color Contrast Check

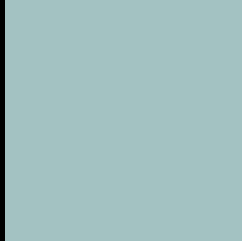
Large Text (above 18pt) WCAG AA × Fail

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 44.1336, 50.2651, 58.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

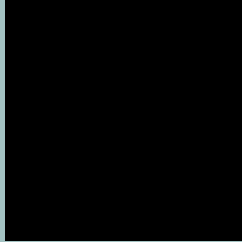
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1336, 50.2651, 58.4150

Background



This preview shows how black text looks on a background with the XYZ color 44.1336, 50.2651, 58.4150.

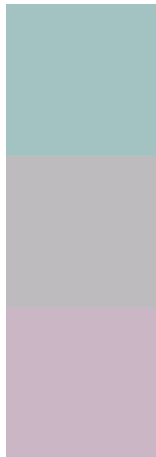


This preview shows how white text looks on a background with the XYZ color 44.1336, 50.2651,

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

44.1336, 50.2651, 58.4150

Protanopia

48.2998, 50.2055, 55.8602

Deuteranopia

51.0489, 49.9980, 59.1846



Tritanopia

45.8380, 50.3113, 66.3266

Trichromacy



Original Color

44.1336, 50.2651, 58.4150

Protanomaly

46.6398, 50.2918, 56.5393

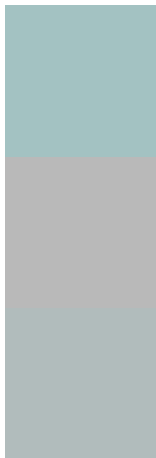
Deuteranomaly

48.1483, 49.7493, 58.6946

Tritanomaly

45.2477, 50.4035, 63.2212

Monochromacy



Original Color

44.1336, 50.2651, 58.4150

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1918, 48.9444, 54.6423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1336, 50.2651, 58.4150 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, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(163, 194, 194)  
}
```

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, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 44.1336, 50.2651, 58.4150 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, 194, 194) }
```


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

```
.border{ border-color:rgb(163, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(163, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1336, 50.2651, 58.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 194, 194) }
```

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

```
.background{ background-color: rgb(163,  
194, 194) }
```

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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