

Converting Colors

XYZ(47.5114, 56.3326, 59.3753)

Have a look what the booklet for
XYZ(47.5114, 56.3326, 59.3753)
contains.

XYZ(47.5675, 56.5200, 59.4413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.5675, 56.5200,
59.4413)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CFC2
RGB	165, 207, 194
RGB Percent	65%, 81%, 76%
CMY	0.3529, 0.1882, 0.2392
CMYK	0.20, 0.00, 0.06, 0.19
HSL	161°, 30%, 73%
HSV	161°, 20%, 81%
XYZ	47.5675, 56.5200, 59.4413
YIQ	192.9600, -20.8590, -12.9470

Conversions

Conversions Part 2

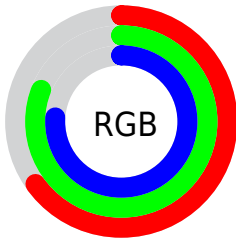
Format	Color
RYB	165, 190, 207
Decimal	10866626
CIELab	79.91, -16.43, 1.90
CIELCh	80, 16.537, 173.395
Yxy	56.5200, 0.2909, 0.3456
Android (android.graphics.Color)	4289056706 (0xFFA5CFC2)
YUV	192.9600, 0.5127, -24.5209
Hunter-Lab	75.1798, -18.6247, 5.7479

Details

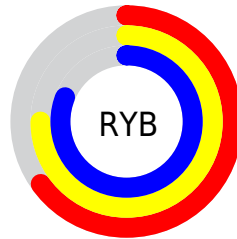
The XYZ color **47.5675, 56.5200, 59.4413** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.2252, 43.3916, 48.0084**, and the grayscale version is **50.6722, 53.3111, 58.0558**.

A 20% lighter version of the original color is **82.8341, 93.7943, 104.1808**, and **22.8069, 28.1207, 29.0367** is the 20% darker color. If you saturate the color by 10%, you get **42.9015, 54.1975, 55.5474**, and if you desaturate by 10%, it is **52.9646, 59.2189, 63.5339**.

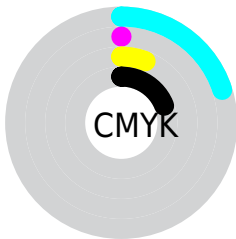
Distribution



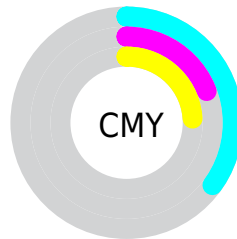
- Red (65%)
- Green (81%)
- Blue (76%)



- Red (65%)
- Yellow (75%)
- Blue (81%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)




- Cyan (35%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5675, 56.5200, 59.4413 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 47.5675, 56.5200, 59.4413 by changing the saturation by 10% instead.


 47.5675, 56.5200,
59.4413

 47.5675, 56.5200,
59.4413


367.6864,
411.6482, 440.2827

 33.6943, 40.6200,
42.5461


 85.7737, 99.7645,
105.5542

 22.8207, 28.0223,
29.2004


 110.8375,
127.8777, 135.6090

 14.5811, 18.3424,
18.9856

140.3621,
160.8308, 170.8874

 8.6103, 11.1961,
11.4832

174.7130,
199.0082, 211.8080

 4.5430, 6.1989,
6.2746

214.2556,
242.7942, 258.7893

 2.0137, 2.9664,
2.9413

259.3551,

 0.6416, 1.1142,

292.5733, 312.2498

1.0647

310.3769,
348.7299, 372.6081

■ 0.0000, 0.0000,
0.0000

■ 47.5675, 56.5200,
59.4413

■ 47.5675, 56.5200,
59.4413

■ 42.9015, 54.1975,
55.5474

■ 52.9646, 59.2189,
63.5339

■ 38.9280, 52.2269,
51.8447

■ 59.1197, 62.3033,
67.8247

■ 35.6119, 50.5918,
48.3308

■ 66.0640, 65.7910,
72.3185

■ 32.9132, 49.2714,
45.0016

■ 73.8256, 69.6963,
77.0184

■ 30.7873, 48.2429,
41.8530

■ 77.2872, 71.3810,
81.6868

■ 29.1832, 47.4801,
38.8804

■ 78.1835, 71.7395,
86.4068

■ 28.0406, 46.9520,
36.0786

■ 79.1131, 72.1114,
91.3017

■ 27.2658, 46.6085,
33.5147

■ 80.0762, 72.4966,
96.3734

■ 81.0732, 72.8954,
101.6237

Harmonies

Analogous

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



48.7096, 56.5200, 51.1744



47.5675, 56.5200, 59.4413



48.0182, 56.5200, 69.1670

Triad

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



47.5675, 56.5200, 59.4413



56.3213, 56.5200, 80.0893



57.6573, 56.5200, 47.8768

Complementary

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



47.5675, 56.5200, 59.4413



47.2252, 43.3916, 48.0084

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.



59.8574, 56.5200, 54.4966



47.5675, 56.5200, 59.4413



59.0640, 56.5200, 73.2200

Square

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



47.5675, 56.5200, 59.4413



52.9824, 56.5200, 81.7642



60.3826, 56.5200, 63.6889



54.4655, 56.5200, 44.9613

Rectangle

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



47.5675, 56.5200, 59.4413



49.1708, 56.5200, 75.1172



60.3826, 56.5200, 63.6889



58.5426, 56.5200, 49.7073

Sweetspot

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



47.5691, 56.5223, 59.4426



88.8901, 96.9115, 104.6801



47.5352, 56.8452, 44.0652



18.8885, 20.6741, 22.3091



0.0000, 0.0000, 0.0000



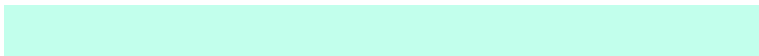
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5691, 56.5223, 59.4426



73.1050, 89.0222, 92.7281



47.2739, 53.4916, 66.8675



11.9961, 13.3422, 14.3356



17.2221, 29.3818, 21.3473



0.9977, 1.6567, 1.3765

Inverse Universe

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



47.2252, 43.3916, 48.0084



72.4653, 64.5458, 71.4210



47.4116, 45.7558, 41.9312



11.9573, 11.8677, 13.0510



16.8345, 8.6066, 4.0347



0.9768, 0.4954, 0.4125

Previews

White Background



This preview shows how the XYZ color 47.5675, 56.5200, 59.4413 looks on a white background.

Color Contrast Check

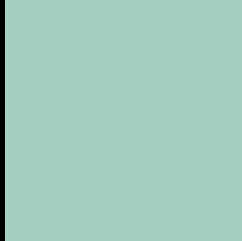
Large Text (above 18pt) WCAG AA × Fail

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 47.5675, 56.5200, 59.4413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

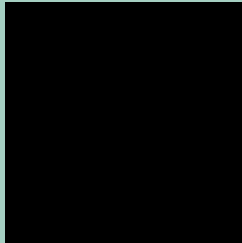
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5675, 56.5200, 59.4413

Background



This preview shows how black text looks on a background with the XYZ color 47.5675, 56.5200, 59.4413.



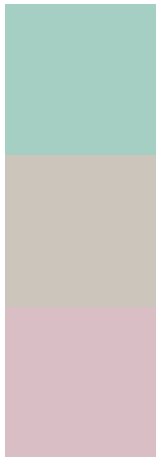
This preview shows how white text looks on a background with the XYZ color 47.5675, 56.5200,

59.4413.

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

47.5675, 56.5200, 59.4413

Protanopia

53.6720, 56.2599, 55.6074

Deuteranopia

57.3241, 56.0445, 60.6197



Tritanopia

50.7197, 56.3724, 75.2256

Trichromacy



Original Color

47.5675, 56.5200, 59.4413

Protanomaly

51.1672, 56.3098, 56.8873

Deuteranomaly

53.2188, 55.9238, 60.2140

Tritanomaly

49.3742, 56.1637, 69.2112

Monochromacy



Original Color

47.5675, 56.5200, 59.4413

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.3482, 54.3057, 58.3332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5675, 56.5200, 59.4413 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, 207, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 207, 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(165, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 207, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.5675, 56.5200, 59.4413 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, 207, 194) }
```


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

```
.border{ border-color:rgb(165, 207, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 207, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(165, 207,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5675, 56.5200, 59.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 207, 194) }
```

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

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