

Converting Colors

XYZ(47.7232, 55.8322, 67.1566)

Have a look what the booklet for
XYZ(47.7232, 55.8322, 67.1566)
contains.

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Color

**XYZ(47.5910, 55.6412,
67.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CDCF
RGB	160, 205, 207
RGB Percent	63%, 80%, 81%
CMY	0.3725, 0.1961, 0.1882
CMYK	0.23, 0.01, 0.00, 0.19
HSL	183°, 33%, 72%
HSV	183°, 23%, 81%
XYZ	47.5910, 55.6412, 67.2630
YIQ	191.7730, -27.4620, -8.9180

Conversions

Conversions Part 2

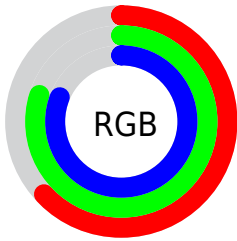
Format	Color
RYB	160, 183, 207
Decimal	10538447
CIELab	79.41, -14.21, -5.84
CIELCh	79, 15.360, 202.329
Yxy	55.6412, 0.2791, 0.3264
Android (android.graphics.Color)	4288728527 (0xFFA0CDCF)
YUV	191.7730, 7.5069, -27.8649
Hunter-Lab	74.5930, -16.6533, -1.2486

Details

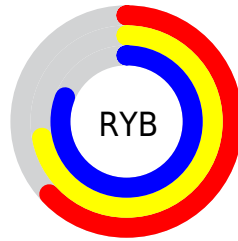
The XYZ color **47.5910, 55.6412, 67.2630** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.9982, 41.6443, 38.9253**, and the grayscale version is **49.9409, 52.5417, 57.2180**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **22.8798, 27.5589, 34.2505** is the 20% darker color. If you saturate the color by 10%, you get **43.5831, 53.2649, 67.0165**, and if you desaturate by 10%, it is **52.2924, 58.3796, 67.5447**.

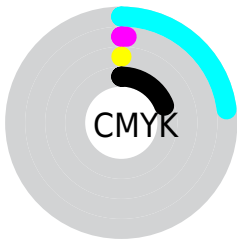
Distribution



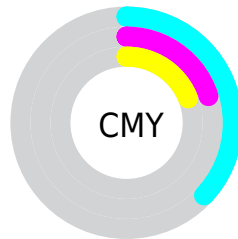
- Red (63%)
- Green (80%)
- Blue (81%)



- Red (63%)
- Yellow (72%)
- Blue (81%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)





- Cyan (37%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5910, 55.6412, 67.2630 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 47.5910, 55.6412, 67.2630 by changing the saturation by 10% instead.


 47.5910, 55.6412,
67.2630


 47.5910, 55.6412,
67.2630


367.7783,
408.3379, 469.4073

 33.7130, 39.9153,
48.8355


 85.8085, 98.4798,
116.9414

 22.8351, 27.4725,
34.1243


 110.8788,
126.3613, 149.0293

 14.5918, 17.9284,
22.7110


140.4105,
159.0634, 186.5078

 8.6178, 10.8986,
14.1769

174.7690,
196.9706, 229.7954

 4.5479, 5.9987,
8.1037

214.3196,
240.4673, 279.3106

 2.0165, 2.8443,
4.0726

259.4279,

 0.6432, 1.0510,

289.9378, 335.4719

1.6653

310.4590,
345.7665, 398.6980

■ 0.0000, 0.0000,
0.3368

■ 0.0000, 0.0000,
0.0000

■ 47.5910, 55.6412,
67.2630

■ 47.5910, 55.6412,
67.2630

■ 43.5831, 53.2649,
67.0165

■ 52.2924, 58.3796,
67.5447

■ 40.2297, 51.2264,
66.7998

■ 57.7140, 61.4896,
67.8592

■ 37.4953, 49.5088,
66.6123

■ 63.8873, 64.9889,
68.2093

■ 35.3395, 48.0911,
66.4523

■ 70.8404, 68.8919,
68.5962

33.7165, 46.9499,
66.3176

75.4020, 71.5638,
68.8715

32.5741, 46.0582,
66.2057

75.6190, 71.9978,
68.9438

31.8493, 45.3835,
66.1136

75.8372, 72.4342,
69.0165

31.5034, 44.9866,
66.0553

76.0566, 72.8729,
69.0897

76.2772, 73.3141,
69.1632

Harmonies

Analogous

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



47.2272, 55.6412, 58.3465



47.5910, 55.6412, 67.2630



49.3459, 55.6412, 75.0343

Triad

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



47.5910, 55.6412, 67.2630



57.7158, 55.6412, 71.5584



53.6802, 55.6412, 45.2730

Complementary

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



47.5910, 55.6412, 67.2630



44.9982, 41.6443, 38.9253

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.



56.5900, 55.6412, 48.1190



47.5910, 55.6412, 67.2630



58.9782, 55.6412, 62.8775

Square

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



47.5910, 55.6412, 67.2630



55.1688, 55.6412, 77.6774



58.5583, 55.6412, 54.3621



50.6657, 55.6412, 46.2021

Rectangle

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



47.5910, 55.6412, 67.2630



51.1068, 55.6412, 78.2355



58.5583, 55.6412, 54.3621



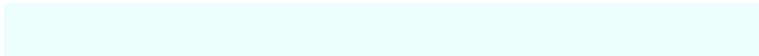
54.7046, 55.6412, 45.8095

Sweetspot

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



47.5926, 55.6435, 67.2643



88.5436, 96.2873, 108.5263



43.2942, 54.6935, 42.2570



18.8379, 20.5440, 23.2225



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.



47.5926, 55.6435, 67.2643



73.1698, 87.3452, 107.6106



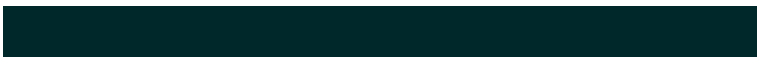
42.4750, 45.4083, 65.5584



12.1135, 13.3173, 15.1757



19.8665, 28.3797, 41.6232



1.1244, 1.6141, 2.3319

Inverse Universe

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



49.3237, 42.8160, 63.4248



76.4129, 63.4740, 100.3812



49.4412, 50.5304, 40.4063



12.2882, 12.0000, 14.7934



22.6584, 10.9362, 34.7031



1.2738, 0.6142, 1.9766

Previews

White Background



This preview shows how the XYZ color 47.5910, 55.6412, 67.2630 looks on a white background.

Color Contrast Check

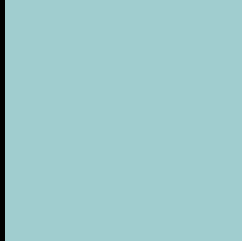
Large Text (above 18pt) WCAG AA × Fail

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 47.5910, 55.6412, 67.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

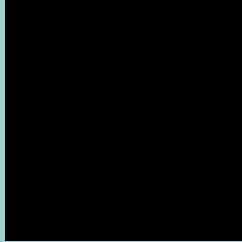
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5910, 55.6412, 67.2630

Background



This preview shows how black text looks on a background with the XYZ color 47.5910, 55.6412, 67.2630.



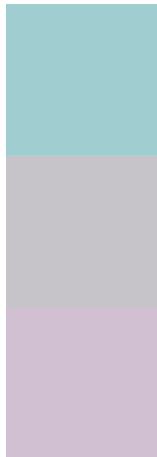
This preview shows how white text looks on a background with the XYZ color 47.5910, 55.6412,

67.2630.

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

47.5910, 55.6412, 67.2630

Protanopia

53.3464, 55.2530, 63.1116

Deuteranopia

56.5582, 55.4701, 68.6986



Tritanopia

49.2464, 55.6129, 75.1566

Trichromacy



Original Color

47.5910, 55.6412, 67.2630

Protanomaly

50.9701, 55.3490, 64.4969

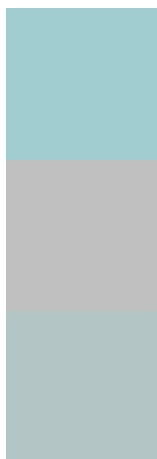
Deuteranomaly

52.7344, 55.1597, 68.1891

Tritanomaly

48.7589, 55.7734, 72.4855

Monochromacy



Original Color

47.5910, 55.6412, 67.2630

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.8667, 53.6670, 60.6065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5910, 55.6412, 67.2630 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(160, 205, 207)` looks like.

```
.text, #text, p{  
    color:rgb(160, 205, 207)  
}
```

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(160, 205, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 205, 207) }
```

Border

The CSS property to change the border of an element to XYZ 47.5910, 55.6412, 67.2630 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(160, 205, 207) }
```


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

```
.border{ border-color:rgb(160, 205, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 205, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 205, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 205, 207);  
box-shadow:4px 4px 4px 4px rgb(160, 205,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5910, 55.6412, 67.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 205, 207) }
```

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

```
.background{ background-color: rgb(160,  
205, 207) }
```

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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