

Converting Colors

XYZ(47.6927, 55.5158, 59.2409)

Have a look what the booklet for
XYZ(47.6927, 55.5158, 59.2409)
contains.

XYZ(47.6927, 55.5158, 59.2409)	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(47.6927, 55.5158,
59.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	A9CCC2
RGB	169, 204, 194
RGB Percent	66%, 80%, 76%
CMY	0.3372, 0.2000, 0.2392
CMYK	0.17, 0.00, 0.05, 0.20
HSL	163°, 26%, 73%
HSV	163°, 17%, 80%
XYZ	47.6927, 55.5158, 59.2409
YIQ	192.3950, -17.6500, -10.5300

Conversions

Conversions Part 2

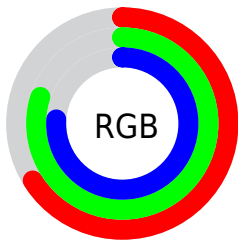
Format	Color
R _Y B	169, 189, 204
Decimal	11128002
CIE Lab	79.34, -13.62, 1.10
CIE LCh	79, 13.661, 175.378
Yxy	55.5158, 0.2936, 0.3417
Android (android.graphics.Color)	4289318082 (0xFFA9CCC2)
YUV	192.3950, 0.7913, -20.5174
Hunter-Lab	74.5089, -16.1339, 5.0157

Details

The XYZ color **47.6927, 55.5158, 59.2409** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.2285, 44.4695, 48.7446**, and the grayscale version is **50.3380, 52.9595, 57.6729**.

A 20% lighter version of the original color is **84.0667, 94.4297, 104.2384**, and **22.8424, 27.4191, 28.8994** is the 20% darker color. If you saturate the color by 10%, you get **43.0113, 53.1782, 55.6715**, and if you desaturate by 10%, it is **53.0858, 58.2204, 62.9801**.

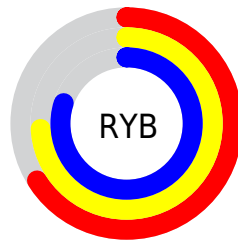
Distribution



Red (66%)

Green (80%)

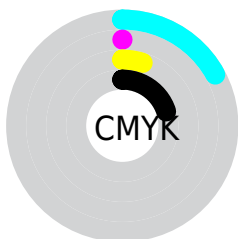
Blue (76%)



Red (66%)

Yellow (74%)

Blue (80%)

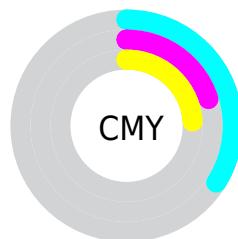


Cyan (17%)

Magenta (0%)

Yellow (5%)

Black (20%)



Cyan (34%)

Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6927, 55.5158, 59.2409 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 47.6927, 55.5158, 59.2409 by changing the saturation by 10% instead.

■ 47.6927, 55.5158,
59.2409

■ 47.6927, 55.5158,
59.2409

368.1757,
407.8642, 439.5208

■ 33.7938, 39.8148,
42.3858

■ 85.9592, 98.2963,
105.2603

■ 22.8974, 27.3942,
29.0757

■ 111.0575,
126.1446, 135.2616

■ 14.6380, 17.8695,
18.8920

140.6196,
158.8108, 170.4821

■ 8.6504, 10.8563,
11.4162

175.0110,
196.6793, 211.3403

■ 4.5691, 5.9703,
6.2299

214.5969,
240.1345, 258.2547

■ 2.0289, 2.8270,
2.9143

259.7428,

■ 0.6501, 1.0421,

289.5608, 311.6439

1.0510

310.8139,
345.3425, 371.9264

■ 0.0000, 0.0000,
0.0000

■ 47.6927, 55.5158,
59.2409

■ 47.6927, 55.5158,
59.2409

■ 43.0113, 53.1782,
55.6715

■ 53.0858, 58.2204,
62.9801

■ 39.0051, 51.1841,
52.2651

■ 59.2156, 61.3003,
66.8882

■ 35.6412, 49.5183,
49.0198

■ 66.1119, 64.7722,
70.9693

■ 32.8822, 48.1615,
45.9323

■ 73.8011, 68.6500,
75.2259

■ 30.6867, 47.0923,
42.9990

■ 76.1736, 69.7836,
79.3737

■ 29.0077, 46.2866,
40.2162

■ 76.9741, 70.1039,
83.5893

■ 27.7906, 45.7163,
37.5796

■ 77.8020, 70.4350,
87.9489

■ 26.9614, 45.3432,
35.0841

■ 78.6575, 70.7772,
92.4538

■ 26.7593, 45.2539,
34.3985

■ 79.5408, 71.1305,
97.1055

Harmonies

Analogous

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



48.5530, 55.5158, 52.2824



47.6927, 55.5158, 59.2409



48.1529, 55.5158, 67.1394

Triad

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



47.6927, 55.5158, 59.2409



55.0538, 55.5158, 75.1121



55.8128, 55.5158, 48.8739

Complementary

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



47.6927, 55.5158, 59.2409



47.2285, 44.4695, 48.7446

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.



57.6649, 55.5158, 54.2153



47.6927, 55.5158, 59.2409



57.2162, 55.5158, 69.4208

Square

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



47.6927, 55.5158, 59.2409



52.3432, 55.5158, 76.7482



58.1871, 55.5158, 61.6699



53.1913, 55.5158, 46.6352

Rectangle

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



47.6927, 55.5158, 59.2409



49.1553, 55.5158, 71.8213



58.1871, 55.5158, 61.6699



56.5495, 55.5158, 50.3423

Sweetspot

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



47.6943, 55.5181, 59.2421



89.9327, 97.4290, 105.6273



47.4623, 55.6961, 45.7860



19.1008, 20.7793, 22.5114



0.0000, 0.0000, 0.0000



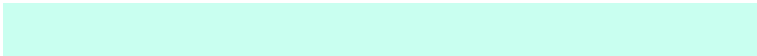
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6943, 55.5181, 59.2421



75.6517, 90.2732, 95.6393



47.2293, 52.7293, 64.8180



11.4013, 12.6702, 13.6704



16.8836, 28.4988, 21.8700



0.9027, 1.4829, 1.2950

Inverse Universe

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



47.2285, 44.4695, 48.7446



74.7240, 68.2403, 74.7108



47.5904, 46.7543, 44.0533



11.3420, 11.2655, 12.3353



16.1941, 8.2882, 3.4746



0.8686, 0.4408, 0.3538

Previews

White Background



This preview shows how the XYZ color 47.6927, 55.5158, 59.2409 looks on a white background.

Color Contrast Check

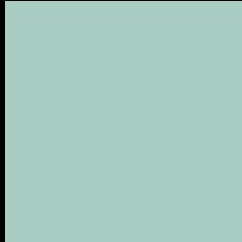
Large Text (above 18pt) WCAG AA × Fail

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 47.6927, 55.5158, 59.2409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

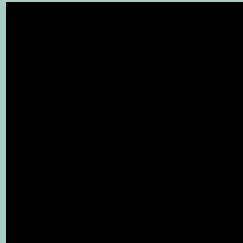
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6927, 55.5158, 59.2409

Background



This preview shows how black text looks on a background with the XYZ color 47.6927, 55.5158, 59.2409.

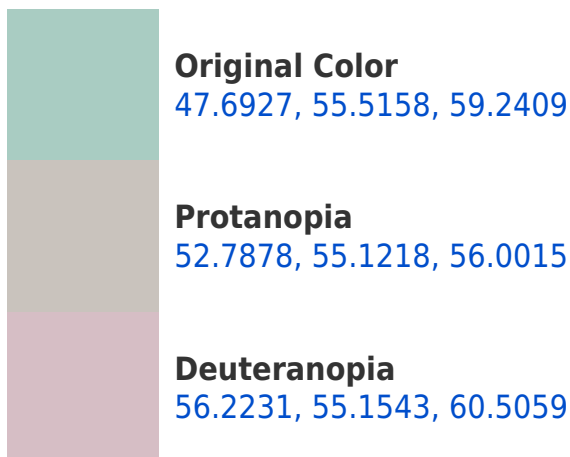


This preview shows how white text looks on a background with the XYZ color 47.6927, 55.5158,

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

50.6446, 55.6673, 73.7212

Trichromacy



Original Color

47.6927, 55.5158, 59.2409

Protanomaly

50.5843, 54.9686, 57.2341

Deuteranomaly

52.7676, 55.0215, 60.0636

Tritanomaly

49.6424, 55.6152, 68.4400

Monochromacy



Original Color

47.6927, 55.5158, 59.2409

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.1327, 53.5205, 58.1930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6927, 55.5158, 59.2409 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(169, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(169, 204, 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(169, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 204, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.6927, 55.5158, 59.2409 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(169, 204, 194) }
```


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

```
.border{ border-color:rgb(169, 204, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 204, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(169, 204,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6927, 55.5158, 59.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 204, 194) }
```

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

```
.background{ background-color: rgb(169,  
204, 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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