

Converting Colors

XYZ(47.9849, 52.3061, 58.9182)

Have a look what the booklet for
XYZ(47.9849, 52.3061, 58.9182)
contains.

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Color

**XYZ(47.9645, 52.2270,
59.1826)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C2C3
RGB	180, 194, 195
RGB Percent	71%, 76%, 76%
CMY	0.2941, 0.2392, 0.2353
CMYK	0.08, 0.01, 0.00, 0.24
HSL	184°, 11%, 74%
HSV	184°, 8%, 76%
XYZ	47.9645, 52.2270, 59.1826
YIQ	189.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

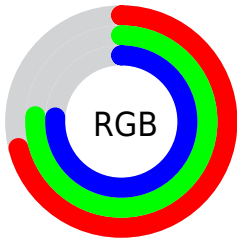
Format	Color
RYB	180, 187, 195
Decimal	11846339
CIELab	77.42, -4.58, -2.16
CIELCh	77, 5.065, 205.213
Yxy	52.2270, 0.3010, 0.3277
Android (android.graphics.Color)	4290036419 (0xFFB4C2C3)
YUV	189.9280, 2.5005, -8.7069
Hunter-Lab	72.2683, -7.9988, 2.0334

Details

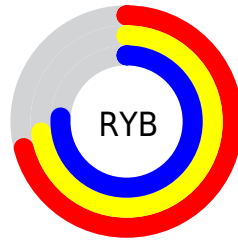
The XYZ color **47.9645, 52.2270, 59.1826** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2680, 47.9448, 49.9438**, and the grayscale version is **48.8930, 51.4392, 56.0173**.

A 20% lighter version of the original color is **86.3484, 93.2324, 105.5401**, and **22.9382, 25.1913, 28.8527** is the 20% darker color. If you saturate the color by 10%, you get **43.4537, 49.4766, 58.8903**, and if you desaturate by 10%, it is **53.1195, 55.3161, 59.5080**.

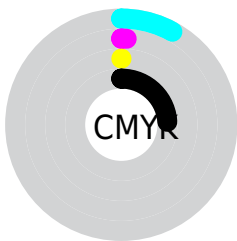
Distribution



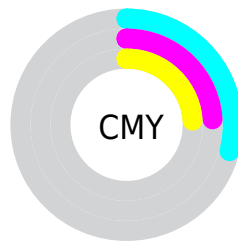
- Red (71%)
- Green (76%)
- Blue (76%)



- Red (71%)
- Yellow (73%)
- Blue (76%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9645, 52.2270, 59.1826 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 47.9645, 52.2270, 59.1826 by changing the saturation by 10% instead.

■ 47.9645, 52.2270,
59.1826

■ 47.9645, 52.2270,
59.1826

369.2363,
395.3123, 439.2990

■ 34.0099, 37.1860,
42.3392

■ 86.3616, 93.4659,
105.1747

■ 23.0641, 25.3516,
29.0394

111.5347,
120.4327, 135.1605

■ 14.7618, 16.3392,
18.8648

141.1782,
152.1435, 170.3641

■ 8.7376, 9.7645,
11.3968

175.6572,
188.9828, 211.2041

■ 4.6262, 5.2431,
6.2169

215.3372,
231.3349, 258.0991

■ 2.0621, 2.3906,
2.9065

260.5834,

■ 0.6685, 0.8210,

279.5843, 311.4675

1.0471

311.7614,
334.1153, 371.7280

■ 0.0000, 0.0000,
0.0000

■ 47.9645, 52.2270,
59.1826

■ 47.9645, 52.2270,
59.1826

■ 43.4537, 49.4766,
58.8903

■ 53.1195, 55.3161,
59.5080

■ 39.5560, 47.0446,
58.6263

■ 58.9392, 58.7501,
59.8641

■ 36.2446, 44.9186,
58.3905

■ 65.4487, 62.5435,
60.2532

■ 33.4890, 43.0828,
58.1813

■ 71.5574, 66.1340,
60.6243

■ 31.2555, 41.5198,
57.9974

■ 71.8573, 66.7338,
60.7242

■ 29.5073, 40.2108,
57.8368

■ 72.1597, 67.3386,
60.8250

■ 28.2025, 39.1339,
57.6978

■ 72.4647, 67.9486,
60.9267

■ 27.2920, 38.2640,
57.5778

■ 72.7722, 68.5637,
61.0292

■ 26.7043, 37.5642,
57.4737

■ 73.0823, 69.1839,
61.1326

Harmonies

Analogous

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



47.7966, 52.2270, 56.4198



47.9645, 52.2270, 59.1826



48.5790, 52.2270, 61.3875

Triad

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



47.9645, 52.2270, 59.1826



51.1947, 52.2270, 59.9826



49.7967, 52.2270, 51.6856

Complementary

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



47.9645, 52.2270, 59.1826



47.2680, 47.9448, 49.9438

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.



50.7167, 52.2270, 52.5728



47.9645, 52.2270, 59.1826



51.5306, 52.2270, 57.3152

Square

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



47.9645, 52.2270, 59.1826



50.4425, 52.2270, 61.8599



51.3545, 52.2270, 54.6113



48.8464, 52.2270, 52.1490

Rectangle

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



47.9645, 52.2270, 59.1826



49.1636, 52.2270, 62.2132



51.3545, 52.2270, 54.6113



50.1199, 52.2270, 51.8349

Sweetspot

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



47.9660, 52.2292, 59.1838



90.9878, 96.5967, 106.3192



46.6532, 52.0603, 51.1723



19.9457, 21.1658, 23.2841



0.0000, 0.0000, 0.0000



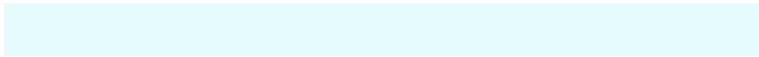
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9660, 52.2292, 59.1838



84.6669, 92.7919, 105.9180



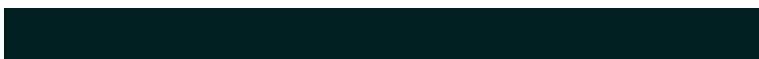
46.3909, 49.0790, 58.6587



10.3094, 11.3101, 12.9245



17.3041, 24.3646, 37.3474



0.7652, 1.0878, 1.6195

Inverse Universe

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



48.5657, 48.1407, 57.7739



85.9327, 84.1840, 102.9370



48.7814, 50.9716, 50.4483



10.4675, 10.2356, 12.5522



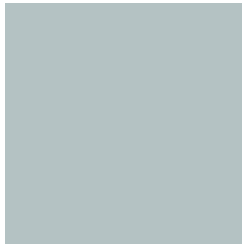
20.1303, 9.7419, 29.6617



0.8786, 0.4245, 1.3283

Previews

White Background



This preview shows how the XYZ color 47.9645, 52.2270, 59.1826 looks on a white background.

Color Contrast Check

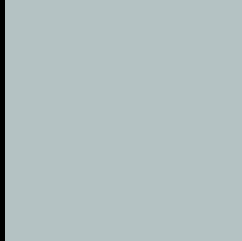
Large Text (above 18pt) WCAG AA × Fail

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 47.9645, 52.2270, 59.1826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

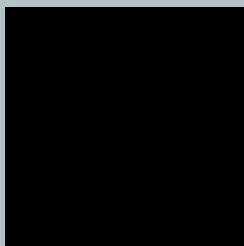
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

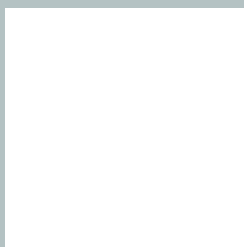
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9645, 52.2270, 59.1826

Background



This preview shows how black text looks on a background with the XYZ color 47.9645, 52.2270, 59.1826.

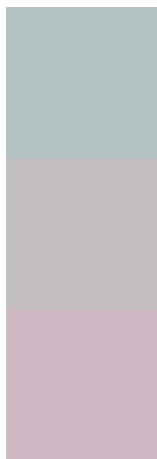


This preview shows how white text looks on a background with the XYZ color 47.9645, 52.2270,

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

47.9645, 52.2270, 59.1826

Protanopia

50.2872, 52.1465, 57.8669

Deuteranopia

53.1591, 51.9945, 60.0575



Tritanopia

49.4035, 52.1494, 66.4935

Trichromacy



Original Color

47.9645, 52.2270, 59.1826

Protanomaly

49.3547, 51.9755, 58.4699

Deuteranomaly

50.9730, 51.8223, 59.5407

Tritanomaly

48.9055, 52.2755, 64.0125

Monochromacy



Original Color

47.9645, 52.2270, 59.1826

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.3949, 51.5065, 57.2602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9645, 52.2270, 59.1826 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(180, 194, 195) looks like.

```
.text, #text, p{  
    color:rgb(180, 194, 195)  
}
```

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(180, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 194, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.9645, 52.2270, 59.1826 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(180, 194, 195) }
```


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

```
.border{ border-color:rgb(180, 194, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(180, 194,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9645, 52.2270, 59.1826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 194, 195) }
```

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

```
.background{ background-color: rgb(180,  
194, 195) }
```

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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