

Converting Colors

XYZ(48.9147, 52.5671, 61.5660)

Have a look what the booklet for
XYZ(48.9147, 52.5671, 61.5660)
contains.

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Color

**XYZ(48.8920, 52.6522,
61.6188)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C2C7
RGB	182, 194, 199
RGB Percent	71%, 76%, 78%
CMY	0.2863, 0.2392, 0.2196
CMYK	0.09, 0.03, 0.00, 0.22
HSL	198°, 13%, 75%
HSV	198°, 9%, 78%
XYZ	48.8920, 52.6522, 61.6188
YIQ	190.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

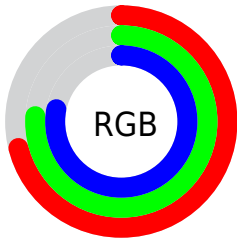
Format	Color
RYB	182, 189, 199
Decimal	11977415
CIELab	77.67, -3.12, -3.93
CIELCh	78, 5.021, 231.537
Yxy	52.6522, 0.2997, 0.3227
Android (android.graphics.Color)	4290167495 (0xFFB6C2C7)
YUV	190.9820, 3.9529, -7.8772
Hunter-Lab	72.5618, -6.7103, 0.4448

Details

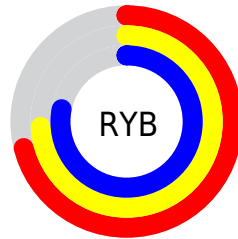
The XYZ color **48.8920, 52.6522, 61.6188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7672, 51.0598, 51.4894**, and the grayscale version is **49.4935, 52.0711, 56.7054**.

A 20% lighter version of the original color is **87.4955, 93.7684, 108.0953**, and **23.5422, 25.4676, 30.4630** is the 20% darker color. If you saturate the color by 10%, you get **43.2462, 47.8483, 60.9899**, and if you desaturate by 10%, it is **55.2599, 57.9073, 62.2983**.

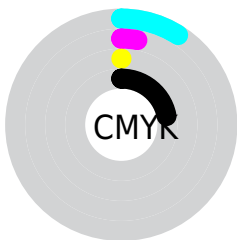
Distribution



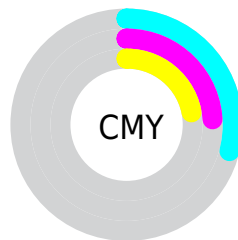
- Red (71%)
- Green (76%)
- Blue (78%)



- Red (71%)
- Yellow (74%)
- Blue (78%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8920, 52.6522, 61.6188 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 48.8920, 52.6522, 61.6188 by changing the saturation by 10% instead.

■ 48.8920, 52.6522,
61.6188

■ 48.8920, 52.6522,
61.6188

372.8410,
396.9493, 448.5084

■ 34.7480, 37.5252,
44.2910

■ 87.7327, 94.0924,
108.7406

■ 23.6344, 25.6144,
30.5604

113.1601,
121.1744, 139.3717

■ 15.1859, 16.5354,
20.0087

143.0794,
153.0101, 175.2743

■ 9.0371, 9.9038,
12.2172

177.8559,
189.9840, 216.8669

■ 4.8227, 5.3352,
6.7675

217.8549,
232.4805, 264.5681

■ 2.1773, 2.4453,
3.2409

263.4419,

■ 0.7307, 0.8490,

280.8840, 318.7964

1.2189

314.9821,
335.5788, 379.9703

■ 0.0000, 0.0000,
0.0000

■ 48.8920, 52.6522,
61.6188

■ 48.8920, 52.6522,
61.6188

■ 43.2462, 47.8483,
60.9899

■ 55.2599, 57.9073,
62.2983

■ 38.2895, 43.4734,
60.4068

■ 62.3724, 63.6218,
63.0265

■ 33.9927, 39.5131,
59.8688

■ 70.2565, 69.8117,
63.8057

■ 30.3228, 35.9494,
59.3744

■ 76.4656, 75.2168,
64.5217

■ 27.2438, 32.7628,
58.9216

■ 78.0039, 78.2934,
65.0345

■ 24.7158, 29.9319,
58.5084

■ 79.5962, 81.4780,
65.5653

■ 22.6936, 27.4324,
58.1325

■ 81.2430, 84.7717,
66.1142

■ 21.1240, 25.2360,
57.7913

■ 82.9450, 88.1756,
66.6815

■ 19.9233, 23.2984,
57.4806

■ 84.7025, 91.6906,
67.2674

Harmonies

Analogous

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



48.3277, 52.6522, 59.3147



48.8920, 52.6522, 61.6188



49.7701, 52.6522, 62.7824

Triad

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



48.8920, 52.6522, 61.6188



51.9138, 52.6522, 58.1198



49.3621, 52.6522, 52.4981

Complementary

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



48.8920, 52.6522, 61.6188



49.7672, 51.0598, 51.4894

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.



50.3196, 52.6522, 52.2015



48.8920, 52.6522, 61.6188



51.8012, 52.6522, 55.3887

Square

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



48.8920, 52.6522, 61.6188



51.5205, 52.6522, 60.7199



51.2146, 52.6522, 53.2436



48.5966, 52.6522, 54.0673

Rectangle

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



48.8920, 52.6522, 61.6188



50.4187, 52.6522, 62.7295



51.2146, 52.6522, 53.2436



49.6719, 52.6522, 52.2483

Sweetspot

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



48.8935, 52.6544, 61.6200



91.5782, 97.1515, 108.5332



48.6657, 54.3728, 54.8418



19.4072, 20.6342, 23.2099



0.0000, 0.0000, 0.0000



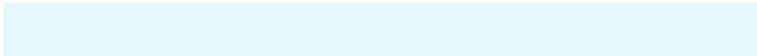
20.3446, 21.4041, 23.3091

Same Dimension

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



48.8935, 52.6544, 61.6200



83.9382, 90.7910, 107.7081



47.0933, 49.0540, 61.0199



10.6733, 11.5206, 13.5786



12.7857, 14.9654, 36.9591



0.6659, 0.8297, 1.7702

Inverse Universe

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



50.0199, 49.4941, 57.9585



86.2644, 84.3223, 100.1337



51.5836, 54.6926, 52.0948



10.9451, 10.7614, 12.6942



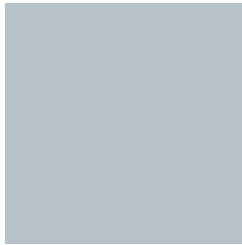
18.2530, 9.0508, 17.0739



0.8948, 0.4408, 0.9693

Previews

White Background



This preview shows how the XYZ color 48.8920, 52.6522, 61.6188 looks on a white background.

Color Contrast Check

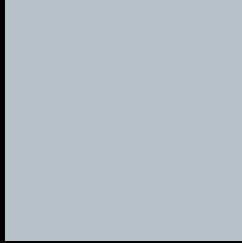
Large Text (above 18pt) WCAG AA × Fail

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 48.8920, 52.6522, 61.6188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

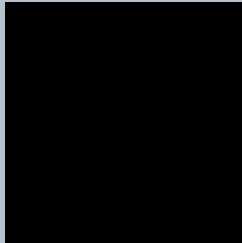
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

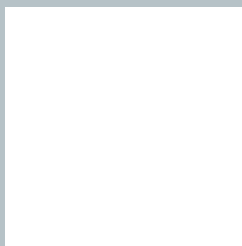
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8920, 52.6522, 61.6188

Background



This preview shows how black text looks on a background with the XYZ color 48.8920, 52.6522, 61.6188.



This preview shows how white text looks on a background with the XYZ color 48.8920, 52.6522,

61.6188.

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

48.8920, 52.6522, 61.6188

Protanopia

50.9570, 52.7622, 60.3217

Deuteranopia

53.5551, 52.4567, 62.5608



Tritanopia

50.2223, 52.8843, 67.2352

Trichromacy



Original Color

48.8920, 52.6522, 61.6188

Protanomaly

50.2779, 52.7236, 60.9528

Deuteranomaly

51.6489, 52.4356, 62.0425

Tritanomaly

49.6178, 52.6150, 65.2982

Monochromacy



Original Color

48.8920, 52.6522, 61.6188

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.3263, 52.2857, 58.5313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8920, 52.6522, 61.6188 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(182, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(182, 194, 199)  
}
```

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(182, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 194, 199) }
```

Border

The CSS property to change the border of an element to XYZ 48.8920, 52.6522, 61.6188 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(182, 194, 199) }
```


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

```
.border{ border-color:rgb(182, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(182, 194,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8920, 52.6522, 61.6188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 194, 199) }
```

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

```
.background{ background-color: rgb(182,  
194, 199) }
```

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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