

Converting Colors

XYZ(48.6215, 55.0958, 52.3279)

Have a look what the booklet for
XYZ(48.6215, 55.0958, 52.3279)
contains.

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Color

**XYZ(48.6215, 55.0958,
52.3279)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C9B6
RGB	182, 201, 182
RGB Percent	71%, 79%, 71%
CMY	0.2863, 0.2117, 0.2863
CMYK	0.09, 0.00, 0.09, 0.21
HSL	120°, 15%, 75%
HSV	120°, 9%, 79%
XYZ	48.6215, 55.0958, 52.3279
YIQ	193.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

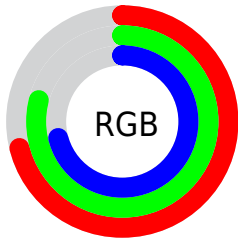
Format	Color
RYB	182, 201, 201
Decimal	11979190
CIELab	79.10, -10.02, 7.30
CIELCh	79, 12.394, 143.909
Yxy	55.0958, 0.3116, 0.3531
Android (android.graphics.Color)	4290169270 (0xFFB6C9B6)
YUV	193.1530, -5.4984, -9.7812
Hunter-Lab	74.2265, -12.9715, 10.1606

Details

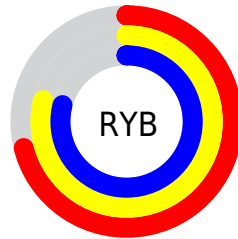
The XYZ color **48.6215, 55.0958, 52.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3599, 50.0917, 62.2226**, and the grayscale version is **50.8133, 53.4596, 58.2175**.

A 20% lighter version of the original color is **86.4525, 95.8702, 94.8372**, and **23.4494, 27.1195, 24.7676** is the 20% darker color. If you saturate the color by 10%, you get **42.2807, 52.0516, 41.9552**, and if you desaturate by 10%, it is **55.9450, 58.6153, 64.3053**.

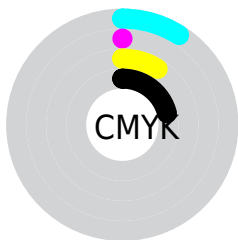
Distribution



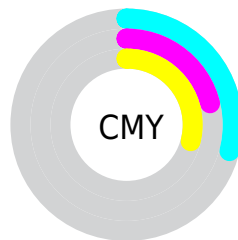
- Red (71%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (29%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6215, 55.0958, 52.3279 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 48.6215, 55.0958, 52.3279 by changing the saturation by 10% instead.

■ 48.6215, 55.0958,
52.3279

■ 48.6215, 55.0958,
52.3279

371.7921,
406.2750, 412.6941

■ 34.5326, 39.4784,
36.8825

■ 87.3331, 97.6813,
95.0461

■ 23.4679, 27.1321,
24.8214

112.6866,
125.4182, 123.1560

■ 15.0620, 17.6725,
15.7263

142.5257,
157.9638, 156.3245

■ 8.9495, 10.7151,
9.1784

177.2157,
195.7024, 194.9700

■ 4.7651, 5.8756,
4.7593

217.1219,
239.0184, 239.5112

■ 2.1434, 2.7696,
2.0505

262.6099,

■ 0.7127, 1.0127,

288.2962, 290.3666

0.5861

314.0448,
343.9203, 347.9547

■ 0.0000, 0.0000,
0.0000

■ 48.6215, 55.0958,
52.3279

■ 48.6215, 55.0958,
52.3279

■ 42.2807, 52.0516,
41.9552

■ 55.9450, 58.6153,
64.3053

■ 36.8764, 49.4557,
33.1156

■ 64.2856, 62.6217,
77.9476

■ 32.3657, 47.2889,
25.7376

■ 73.6818, 67.1352,
93.3164

■ 28.7005, 45.5283,
19.7424

■ 80.1778, 70.2555,
103.9426

■ 25.8281, 44.1486,
15.0440

■ 23.6900, 43.1216,
11.5467

■ 22.2197, 42.4153,
9.1415

■ 21.3385, 41.9920,
7.7000

■ 20.9075, 41.7850,
6.9951

Harmonies

Analogous

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



50.4653, 55.0958, 48.3931



48.6215, 55.0958, 52.3279



47.7843, 55.0958, 58.5580

Triad

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



48.6215, 55.0958, 52.3279



51.8645, 55.0958, 74.5591



56.8305, 55.0958, 54.6437

Complementary

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



48.6215, 55.0958, 52.3279



51.3599, 50.0917, 62.2226

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.



57.2336, 55.0958, 61.4451



48.6215, 55.0958, 52.3279



54.3157, 55.0958, 73.3056

Square

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



48.6215, 55.0958, 52.3279



49.6183, 55.0958, 71.6681



56.2999, 55.0958, 68.3657



55.2152, 55.0958, 49.6548

Rectangle

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



48.6215, 55.0958, 52.3279



47.8901, 55.0958, 63.3198



56.2999, 55.0958, 68.3657



57.1143, 55.0958, 56.7790

Sweetspot

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



48.6230, 55.0982, 52.3291



91.0839, 98.0949, 102.4129



53.4200, 57.5711, 52.5532



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



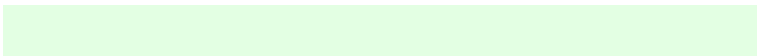
20.3446, 21.4041, 23.3091

Same Dimension

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



48.6230, 55.0982, 52.3291



81.2811, 93.3861, 86.3789



49.6388, 55.5045, 57.6780



10.4975, 11.8879, 11.3042



13.1328, 26.2655, 4.3777



0.6218, 1.2437, 0.2073

Inverse Universe

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



51.3599, 50.0917, 62.2226



86.7453, 83.3908, 106.1310



50.2762, 49.6582, 56.5160



11.0831, 10.8166, 13.4211



21.7735, 10.4590, 35.6128



1.0310, 0.4952, 1.6863

Previews

White Background



This preview shows how the XYZ color 48.6215, 55.0958, 52.3279 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 48.6215, 55.0958, 52.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

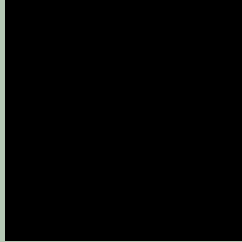
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

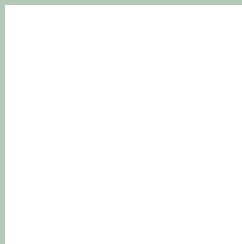
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6215, 55.0958, 52.3279

Background



This preview shows how black text looks on a background with the XYZ color 48.6215, 55.0958, 52.3279.



This preview shows how white text looks on a background with the XYZ color 48.6215, 55.0958,

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

48.6215, 55.0958, 52.3279

Protanopia

52.2804, 54.9814, 50.5048

Deuteranopia

56.0627, 54.9160, 52.9924



Tritanopia

52.3434, 55.2508, 70.1930

Trichromacy



Original Color

48.6215, 55.0958, 52.3279

Protanomaly

50.7101, 54.8299, 51.0905

Deuteranomaly

53.0708, 54.6806, 52.5570

Tritanomaly

50.7443, 54.9195, 63.1844

Monochromacy



Original Color

48.6215, 55.0958, 52.3279

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.9115, 53.9728, 55.9313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6215, 55.0958, 52.3279 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, 201, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 201, 182)  
}
```

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, 201, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 201, 182) }
```

Border

The CSS property to change the border of an element to XYZ 48.6215, 55.0958, 52.3279 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, 201, 182) }
```


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

```
.border{ border-color:rgb(182, 201, 182) }
```

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

Here you see how a box with a 4 pixel rgb(182, 201, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 201, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 201, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 201,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6215, 55.0958, 52.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 201, 182) }
```

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

```
.background{ background-color: rgb(182,  
201, 182) }
```

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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