

Converting Colors

XYZ(48.7885, 52.5594, 55.1445)

Have a look what the booklet for
XYZ(48.7885, 52.5594, 55.1445)
contains.

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Color

**XYZ(48.6406, 52.3356,
55.1151)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC1BC
RGB	187, 193, 188
RGB Percent	73%, 76%, 74%
CMY	0.2667, 0.2431, 0.2627
CMYK	0.03, 0.00, 0.03, 0.24
HSL	130°, 5%, 75%
HSV	130°, 3%, 76%
XYZ	48.6406, 52.3356, 55.1151
YIQ	190.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

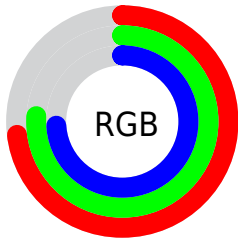
Format	Color
RYB	187, 192, 193
Decimal	12304828
CIELab	77.48, -3.00, 1.78
CIELCh	77, 3.489, 149.287
Yxy	52.3356, 0.3116, 0.3353
Android (android.graphics.Color)	4290494908 (0xFFBBC1BC)
YUV	190.6360, -1.2995, -3.1888
Hunter-Lab	72.3433, -6.5850, 5.4700

Details

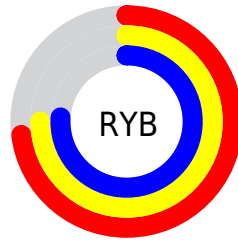
The XYZ color **48.6406, 52.3356, 55.1151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2790, 50.6852, 57.0577**, and the grayscale version is **49.3199, 51.8884, 56.5064**.

A 20% lighter version of the original color is **87.1670, 93.3377, 99.0097**, and **23.5828, 25.5738, 26.6150** is the 20% darker color. If you saturate the color by 10%, you get **42.5942, 49.4094, 46.2796**, and if you desaturate by 10%, it is **55.5179, 55.6708, 65.0006**.

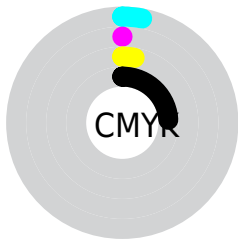
Distribution



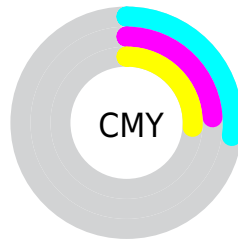
- Red (73%)
- Green (76%)
- Blue (74%)



- Red (73%)
- Yellow (75%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6406, 52.3356, 55.1151 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 48.6406, 52.3356, 55.1151 by changing the saturation by 10% instead.

■ 48.6406, 52.3356,
55.1151

■ 48.6406, 52.3356,
55.1151

371.8662,
395.7308, 423.6423

■ 34.5478, 37.2726,
39.0947

■ 87.3614, 93.6260,
99.1824

■ 23.4796, 25.4187,
26.5250

112.7201,
120.6222, 128.0664

■ 15.0707, 16.3892,
16.9875

142.5648,
152.3650, 162.0752

■ 8.9557, 9.8000,
10.0637

177.2609,
189.2387, 201.6276

■ 4.7692, 5.2666,
5.3351

217.1737,
231.6277, 247.1419

■ 2.1458, 2.4045,
2.3830

262.6687,

■ 0.7139, 0.8282,

279.9165, 299.0368

0.7772

314.1110,
334.4894, 357.7307

■ 0.0000, 0.0000,
0.0000

■ 48.6406, 52.3356,
55.1151

■ 48.6406, 52.3356,
55.1151

■ 42.5942, 49.4094,
46.2796

■ 55.5179, 55.6708,
65.0006

■ 37.3427, 46.8699,
38.4562

■ 63.2514, 59.4229,
75.9655

■ 32.8543, 44.7029,
31.6098

■ 71.8709, 63.6080,
88.0422

■ 29.0931, 42.8908,
25.7019

■ 77.9359, 66.4520,
101.0987

■ 26.0204, 41.4144,
20.6916

■ 78.3610, 66.6220,
103.3370

■ 23.5937, 40.2529,
16.5349

■ 21.7658, 39.3829,
13.1841

■ 20.4831, 38.7778,
10.5867

■ 19.6818, 38.4060,
8.6839

Harmonies

Analogous

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



49.1139, 52.3356, 53.8171



48.6406, 52.3356, 55.1151



48.4623, 52.3356, 56.9385

Triad

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



48.6406, 52.3356, 55.1151



49.7273, 52.3356, 60.7661



50.8791, 52.3356, 55.1931

Complementary

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



48.6406, 52.3356, 55.1151



49.2790, 50.6852, 57.0577

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.



51.0469, 52.3356, 57.0306



48.6406, 52.3356, 55.1151



50.3783, 52.3356, 60.2740

Square

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



48.6406, 52.3356, 55.1151



49.0863, 52.3356, 60.2262



50.8628, 52.3356, 58.8958



50.4064, 52.3356, 53.8614

Rectangle

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



48.6406, 52.3356, 55.1151



48.5336, 52.3356, 58.2158



50.8628, 52.3356, 58.8958



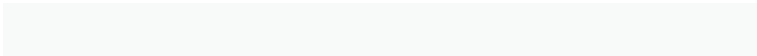
50.9732, 52.3356, 55.7708

Sweetspot

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



48.6421, 52.3378, 55.1162



89.5688, 94.9222, 102.2594



49.8054, 52.9500, 54.6098



19.2286, 20.3703, 21.9569



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



48.6421, 52.3378, 55.1162



86.0195, 93.2025, 97.1218



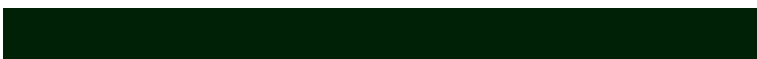
48.9582, 52.4643, 56.7808



10.6543, 11.5969, 12.0008



12.8789, 25.4456, 5.2553



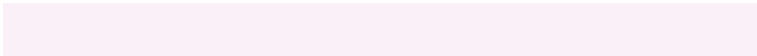
0.5783, 1.1082, 0.3420

Inverse Universe

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



49.2790, 50.6852, 57.0577



87.5001, 89.3611, 101.6347



48.9605, 50.5578, 55.3806



10.8666, 11.0460, 12.6481



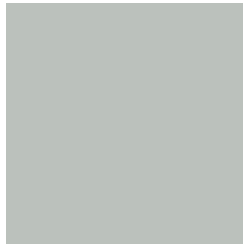
18.9227, 9.2588, 23.3027



0.8372, 0.4079, 1.1100

Previews

White Background



This preview shows how the XYZ color 48.6406, 52.3356, 55.1151 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 48.6406, 52.3356, 55.1151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

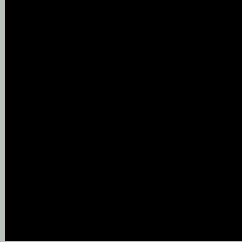
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

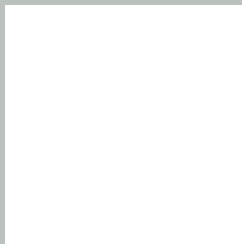
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6406, 52.3356, 55.1151

Background



This preview shows how black text looks on a background with the XYZ color 48.6406, 52.3356, 55.1151.



This preview shows how white text looks on a background with the XYZ color 48.6406, 52.3356,

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

48.6406, 52.3356, 55.1151

Protanopia

50.1480, 52.1505, 54.4367

Deuteranopia

53.2216, 52.1173, 55.9698



Tritanopia

50.6681, 52.1818, 65.1592

Trichromacy



Original Color

48.6406, 52.3356, 55.1151

Protanomaly

49.5928, 52.1869, 54.4730

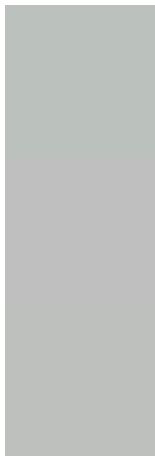
Deuteranomaly

51.5256, 52.1971, 55.5035

Tritanomaly

49.9259, 52.2039, 61.4778

Monochromacy



Original Color

48.6406, 52.3356, 55.1151

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.3791, 52.3641, 56.2199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6406, 52.3356, 55.1151 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(187, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 188)  
}
```

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(187, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 188) }
```

Border

The CSS property to change the border of an element to XYZ 48.6406, 52.3356, 55.1151 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(187, 193, 188) }
```


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

```
.border{ border-color:rgb(187, 193, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 193, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 193, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 193, 188); box-shadow:4px 4px 4px 4px rgb(187, 193, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6406, 52.3356, 55.1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 193, 188) }
```

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

```
.background{ background-color: rgb(187,  
193, 188) }
```

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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