

Converting Colors

XYZ(47.9749, 51.5124, 55.5190)

Have a look what the booklet for
XYZ(47.9749, 51.5124, 55.5190)
contains.

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Color

**XYZ(48.0425, 51.6877,
55.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C0BD
RGB	185, 192, 189
RGB Percent	73%, 75%, 74%
CMY	0.2745, 0.2470, 0.2588
CMYK	0.04, 0.00, 0.02, 0.25
HSL	154°, 5%, 74%
HSV	154°, 4%, 75%
XYZ	48.0425, 51.6877, 55.5887
YIQ	189.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

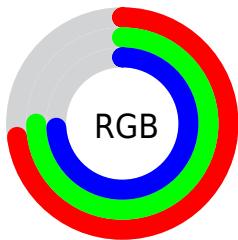
Format	Color
RYB	185, 189, 192
Decimal	12173501
CIELab	77.09, -2.98, 0.66
CIELCh	77, 3.048, 167.514
Yxy	51.6877, 0.3093, 0.3328
Android (android.graphics.Color)	4290363581 (0xFFB9C0BD)
YUV	189.5650, -0.2785, -4.0035
Hunter-Lab	71.8942, -6.5341, 4.4828

Details

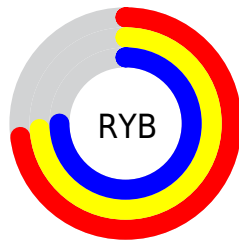
The XYZ color **48.0425, 51.6877, 55.5887** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1662, 49.5365, 54.6023**, and the grayscale version is **48.6976, 51.2336, 55.7934**.

A 20% lighter version of the original color is **86.3245, 92.4281, 99.6768**, and **23.1923, 25.1483, 26.9243** is the 20% darker color. If you saturate the color by 10%, you get **42.8514, 49.1134, 50.8125**, and if you desaturate by 10%, it is **53.9128, 54.6092, 60.6637**.

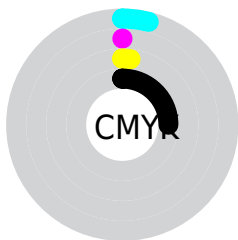
Distribution



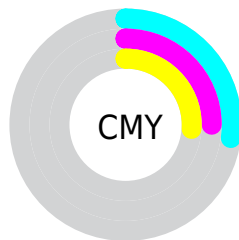
- Red (73%)
- Green (75%)
- Blue (74%)



- Red (73%)
- Yellow (74%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0425, 51.6877, 55.5887 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 48.0425, 51.6877, 55.5887 by changing the saturation by 10% instead.

■ 48.0425, 51.6877,
55.5887

■ 48.0425, 51.6877,
55.5887

369.5403,
393.2298, 425.4843

■ 34.0719, 36.7562,
39.4715

■ 86.4770, 92.6705,
99.8827

■ 23.1120, 25.0188,
26.8161

111.6716,
119.4906, 128.8966

■ 14.7974, 16.0911,
17.2039

141.3383,
151.0424, 163.0465

■ 8.7627, 9.5886,
10.2165

175.8425,
187.7102, 202.7509

■ 4.6426, 5.1271,
5.4353

215.5494,
229.8784, 248.4283

■ 2.0717, 2.3220,
2.4417

260.8244,

■ 0.6738, 0.7853,

277.9315, 300.4973

0.8090

312.0330,
332.2538, 359.3765

■ 0.0000, 0.0000,
0.0000

■ 48.0425, 51.6877,
55.5887

■ 48.0425, 51.6877,
55.5887

■ 42.8514, 49.1134,
50.8125

■ 53.9128, 54.6092,
60.6637

■ 38.3095, 46.8666,
46.3262

■ 60.4822, 57.8837,
66.0396

■ 34.3907, 44.9353,
42.1251

■ 67.7754, 61.5252,
71.7226

■ 31.0657, 43.3045,
38.2033

■ 73.2669, 64.2318,
77.5987

■ 28.3024, 41.9579,
34.5547

■ 74.3974, 64.6840,
83.5521

■ 26.0660, 40.8775,
31.1726

■ 75.5826, 65.1581,
89.7932

■ 24.3173, 40.0433,
28.0503

■ 76.8232, 65.6543,
96.3259

■ 23.0112, 39.4322,
25.1805

■ 78.1199, 66.1730,
103.1541

■ 22.0937, 39.0163,
22.5554

■ 78.1406, 66.1813,
103.2635

Harmonies

Analogous

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



48.3065, 51.6877, 54.1410



48.0425, 51.6877, 55.5887



48.0676, 51.6877, 57.2497

Triad

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



48.0425, 51.6877, 55.5887



49.4653, 51.6877, 59.3929



49.8877, 51.6877, 53.9473

Complementary

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



48.0425, 51.6877, 55.5887



48.1662, 49.5365, 54.6023

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.



50.2031, 51.6877, 55.3196



48.0425, 51.6877, 55.5887



49.9579, 51.6877, 58.4728

Square

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



48.0425, 51.6877, 55.5887



48.8859, 51.6877, 59.4684



50.2289, 51.6877, 56.9752



49.3701, 51.6877, 53.2060

Rectangle

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



48.0425, 51.6877, 55.5887



48.2448, 51.6877, 58.2545



50.2289, 51.6877, 56.9752



50.0211, 51.6877, 54.3489

Sweetspot

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



48.0440, 51.6899, 55.5898



89.7260, 94.9851, 103.0871



48.3556, 51.9001, 53.3687



19.2606, 20.3831, 22.1256



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.



48.0440, 51.6899, 55.5898



86.6324, 93.4477, 100.3492



48.2711, 51.6170, 57.2908



10.7421, 11.6321, 12.4632



14.6050, 26.1361, 14.3450



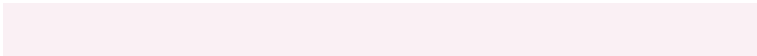
0.6650, 1.1429, 0.7987

Inverse Universe

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



48.1662, 49.5365, 54.6023



86.8784, 89.1124, 98.3612



47.9435, 49.6040, 52.9472



10.7774, 11.0103, 12.1781



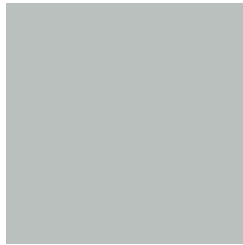
15.6983, 7.9691, 6.3233



0.7127, 0.3581, 0.4547

Previews

White Background



This preview shows how the XYZ color 48.0425, 51.6877, 55.5887 looks on a white background.

Color Contrast Check

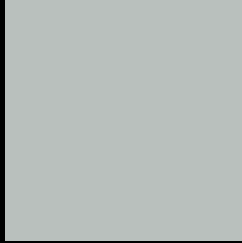
Large Text (above 18pt) WCAG AA × Fail

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 48.0425, 51.6877, 55.5887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

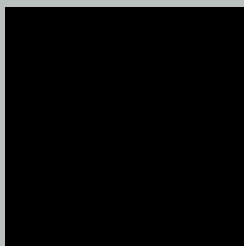
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

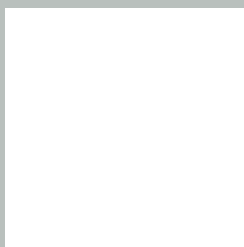
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0425, 51.6877, 55.5887

Background



This preview shows how black text looks on a background with the XYZ color 48.0425, 51.6877, 55.5887.



This preview shows how white text looks on a background with the XYZ color 48.0425, 51.6877,

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

48.0425, 51.6877, 55.5887

Protanopia

49.4154, 51.4524, 54.3405

Deuteranopia

52.5569, 51.4525, 56.4515



Tritanopia

49.9264, 51.7995, 65.1245

Trichromacy



Original Color

48.0425, 51.6877, 55.5887

Protanomaly

48.9764, 51.5341, 54.9427

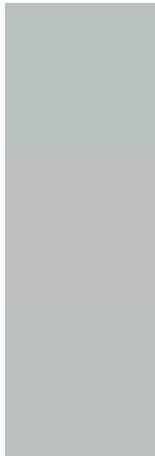
Deuteranomaly

50.8840, 51.5377, 55.9811

Tritanomaly

49.1893, 51.8242, 61.4434

Monochromacy



Original Color

48.0425, 51.6877, 55.5887

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6641, 51.6707, 56.1238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0425, 51.6877, 55.5887 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(185, 192, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 189)  
}
```

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(185, 192, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 189) }
```

Border

The CSS property to change the border of an element to XYZ 48.0425, 51.6877, 55.5887 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(185, 192, 189) }
```


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

```
.border{ border-color:rgb(185, 192, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 189);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0425, 51.6877, 55.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 189) }
```

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

```
.background{ background-color: rgb(185,  
192, 189) }
```

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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