

Converting Colors

XYZ(44.4331, 48.2281, 51.6910)

Have a look what the booklet for
XYZ(44.4331, 48.2281, 51.6910)
contains.

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Color

**XYZ(44.4490, 48.3067,
51.7811)**

Conversions

Conversions Part 1

Format	Color
Hex	B1BBB7
RGB	177, 187, 183
RGB Percent	69%, 73%, 72%
CMY	0.3059, 0.2666, 0.2823
CMYK	0.05, 0.00, 0.02, 0.27
HSL	156°, 7%, 71%
HSV	156°, 5%, 73%
XYZ	44.4490, 48.3067, 51.7811
YIQ	183.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

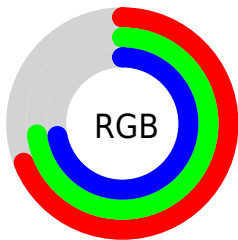
Format	Color
RYB	177, 183, 187
Decimal	11647927
CIELab	75.02, -4.22, 0.82
CIELCh	75, 4.296, 169.045
Yxy	48.3067, 0.3075, 0.3342
Android (android.graphics.Color)	4289838007 (0xFFB1BBB7)
YUV	183.5540, -0.2731, -5.7479
Hunter-Lab	69.5030, -7.4749, 4.4799

Details

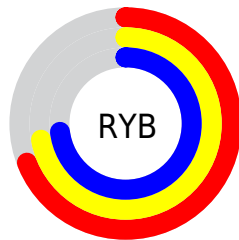
The XYZ color **44.4490, 48.3067, 51.7811** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5579, 45.3464, 50.1227**, and the grayscale version is **45.3185, 47.6786, 51.9220**.

A 20% lighter version of the original color is **81.2349, 87.6568, 94.2993**, and **20.8665, 22.9470, 24.4485** is the 20% darker color. If you saturate the color by 10%, you get **39.7199, 45.9577, 47.6017**, and if you desaturate by 10%, it is **49.8060, 50.9773, 56.2081**.

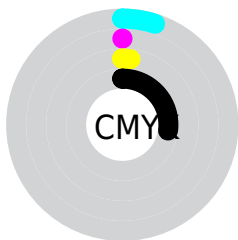
Distribution



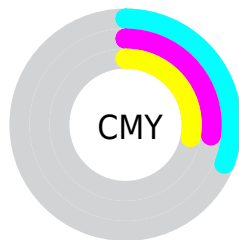
- Red (69%)
- Green (73%)
- Blue (72%)



- Red (69%)
- Yellow (72%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4490, 48.3067, 51.7811 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 44.4490, 48.3067, 51.7811 by changing the saturation by 10% instead.

■ 44.4490, 48.3067,
51.7811

■ 44.4490, 48.3067,
51.7811

355.3587,
380.0065, 410.5238

■ 31.2231, 34.0698,
36.4496

■ 81.1351, 87.6609,
94.2316

■ 20.9214, 22.9473,
24.4892

105.3260,
113.5470, 122.1877

■ 13.1787, 14.5546,
15.4813

133.9026,
144.0849, 155.1891

■ 7.6296, 8.5074,
9.0075

167.2303,
179.6592, 193.6542

■ 3.9086, 4.4213,
4.6492

205.6744,
220.6540, 238.0018

■ 1.6506, 1.9119,
1.9878

249.6003,

■ 0.4250, 0.5555,

267.4540, 288.6502

0.5478

299.3733,
320.4433, 346.0180

■ 0.0000, 0.0000,
0.0000

■ 44.4490, 48.3067,
51.7811

■ 44.4490, 48.3067,
51.7811

■ 39.7199, 45.9577,
47.6017

■ 49.8060, 50.9773,
56.2081

■ 35.5903, 43.9118,
43.6623

■ 55.8098, 53.9750,
60.8839

■ 32.0358, 42.1576,
39.9593

■ 62.4832, 57.3131,
65.8137

■ 29.0286, 40.6811,
36.4880

■ 69.8470, 61.0021,
71.0016

■ 26.5386, 39.4667,
33.2433

■ 71.9853, 61.9922,
76.1738

■ 24.5325, 38.4974,
30.2200

■ 73.0015, 62.3987,
81.5253

■ 22.9731, 37.7540,
27.4126

■ 74.0627, 62.8232,
87.1137

■ 21.8172, 37.2144,
24.8152

■ 75.1695, 63.2659,
92.9418

■ 21.0121, 36.8515,
22.4213

■ 76.3223, 63.7270,
99.0125

Harmonies

Analogous

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



44.7843, 48.3067, 49.8167



44.4490, 48.3067, 51.7811



44.5029, 48.3067, 54.0201

Triad

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



44.4490, 48.3067, 51.7811



46.4081, 48.3067, 56.7879



46.9099, 48.3067, 49.4022

Complementary

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



44.4490, 48.3067, 51.7811



44.5579, 45.3464, 50.1227

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.



47.3547, 48.3067, 51.2007



44.4490, 48.3067, 51.7811



47.0627, 48.3067, 55.4805

Square

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



44.4490, 48.3067, 51.7811



45.6280, 48.3067, 56.9541



47.4110, 48.3067, 53.4230



46.2013, 48.3067, 48.4695

Rectangle

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



44.4490, 48.3067, 51.7811



44.7525, 48.3067, 55.3663



47.4110, 48.3067, 53.4230



47.0956, 48.3067, 49.9231

Sweetspot

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



44.4504, 48.3088, 51.7822



82.6615, 88.0373, 95.3167



44.8030, 48.5612, 48.6074



18.2249, 19.3980, 21.0082



90.7827, 95.5105, 104.0109



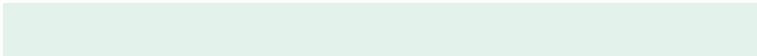
18.6292, 19.5994, 21.3438

Same Dimension

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



44.4504, 48.3088, 51.7822



78.9345, 86.1819, 92.1618



44.6968, 48.1252, 53.9496



9.9533, 10.8977, 11.6370



14.3018, 25.3110, 14.9177



0.5917, 1.0040, 0.7502

Inverse Universe

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



44.5579, 45.3464, 50.1227



79.1530, 80.1653, 88.7913



44.3181, 45.5148, 48.0450



9.9830, 10.0808, 11.1794



15.0250, 7.6412, 5.4253



0.6210, 0.3123, 0.3833

Previews

White Background



This preview shows how the XYZ color 44.4490, 48.3067, 51.7811 looks on a white background.

Color Contrast Check

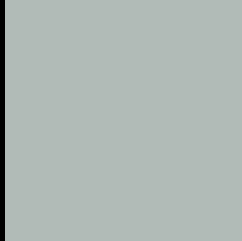
Large Text (above 18pt) WCAG AA × Fail

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 44.4490, 48.3067, 51.7811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

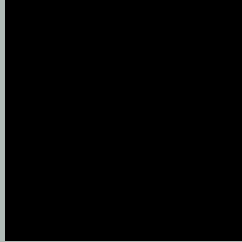
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4490, 48.3067, 51.7811

Background



This preview shows how black text looks on a background with the XYZ color 44.4490, 48.3067, 51.7811.



This preview shows how white text looks on a background with the XYZ color 44.4490, 48.3067,

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

44.4490, 48.3067, 51.7811

Protanopia

46.2200, 48.3085, 50.6045

Deuteranopia

49.2342, 48.2995, 52.6268



Tritanopia

46.4802, 48.5247, 60.9493

Trichromacy



Original Color

44.4490, 48.3067, 51.7811

Protanomaly

45.5596, 48.2657, 51.1709

Deuteranomaly

47.3720, 48.2540, 52.1646

Tritanomaly

45.7750, 48.5518, 57.4109

Monochromacy



Original Color

44.4490, 48.3067, 51.7811

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.0567, 47.9824, 52.2342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4490, 48.3067, 51.7811 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(177, 187, 183)` looks like.

```
.text, #text, p{  
    color:rgb(177, 187, 183)  
}
```

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(177, 187, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 187, 183) }
```

Border

The CSS property to change the border of an element to XYZ 44.4490, 48.3067, 51.7811 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(177, 187, 183) }
```


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

```
.border{ border-color:rgb(177, 187, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 187, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 187, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 187, 183);  
box-shadow:4px 4px 4px 4px rgb(177, 187,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4490, 48.3067, 51.7811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 187, 183) }
```

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

```
.background{ background-color: rgb(177,  
187, 183) }
```

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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