

Converting Colors

XYZ(48.5695, 51.7038, 56.0941)

Have a look what the booklet for
XYZ(48.5695, 51.7038, 56.0941)
contains.

XYZ(48.4186, 51.5441, 56.1123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.4186, 51.5441,
56.1123)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBFBE
RGB	187, 191, 190
RGB Percent	73%, 75%, 75%
CMY	0.2667, 0.2510, 0.2549
CMYK	0.02, 0.00, 0.01, 0.25
HSL	165°, 3%, 74%
HSV	165°, 2%, 75%
XYZ	48.4186, 51.5441, 56.1123
YIQ	189.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

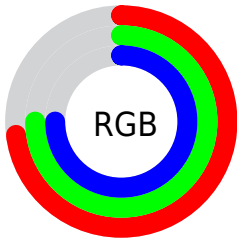
Format	Color
RYB	187, 189, 191
Decimal	12304318
CIELab	77.01, -1.57, 0.01
CIElCh	77, 1.568, 179.636
Yxy	51.5441, 0.3102, 0.3303
Android (android.graphics.Color)	4290494398 (0xFFBBBFBE)
YUV	189.6900, 0.1528, -2.3591
Hunter-Lab	71.7942, -5.2580, 3.9166

Details

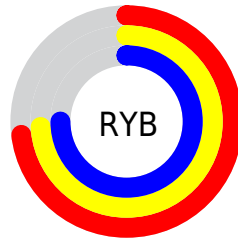
The XYZ color **48.4186, 51.5441, 56.1123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3352, 50.2492, 54.7310**, and the grayscale version is **48.7665, 51.3061, 55.8724**.

A 20% lighter version of the original color is **86.8575, 92.2300, 100.4131**, and **23.4354, 25.0514, 27.2671** is the 20% darker color. If you saturate the color by 10%, you get **43.5389, 49.0894, 53.1986**, and if you desaturate by 10%, it is **53.9400, 54.3305, 59.1478**.

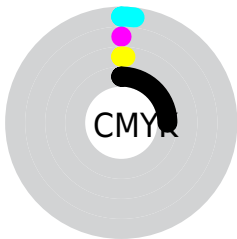
Distribution



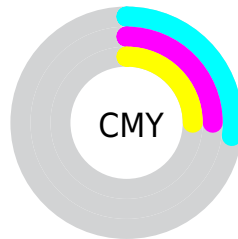
- Red (73%)
- Green (75%)
- Blue (75%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4186, 51.5441, 56.1123 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 48.4186, 51.5441, 56.1123 by changing the saturation by 10% instead.

■ 48.4186, 51.5441,
56.1123

■ 48.4186, 51.5441,
56.1123

371.0040,
392.6740, 427.5148

■ 34.3711, 36.6418,
39.8884

■ 87.0333, 92.4585,
100.6562

■ 23.3431, 24.9303,
27.1384

112.3312,
119.2395, 129.8132

■ 14.9691, 16.0251,
17.4438

142.1099,
150.7488, 164.1184

■ 8.8839, 9.5419,
10.3861

176.7349,
187.3708, 203.9902

■ 4.7220, 5.0963,
5.5468

216.5714,
229.4899, 249.8472

■ 2.1182, 2.3039,
2.5072

261.9849,

■ 0.6991, 0.7758,

277.4906, 302.1079

0.8440

313.3406,
331.7572, 361.1909

■ 0.0000, 0.0000,
0.0000

■ 48.4186, 51.5441,
56.1123

■ 48.4186, 51.5441,
56.1123

■ 43.5389, 49.0894,
53.1986

■ 53.9400, 54.3305,
59.1478

■ 39.2719, 46.9472,
50.4014

■ 60.1218, 57.4539,
62.3037

■ 35.5929, 45.1062,
47.7197

■ 66.9875, 60.9278,
65.5829

■ 32.4741, 43.5520,
45.1513

■ 71.3985, 63.1343,
68.8395

■ 29.8850, 42.2689,
42.6940

■ 72.0007, 63.3751,
72.0107

■ 27.7922, 41.2399,
40.3452

■ 72.6209, 63.6232,
75.2766

■ 26.1588, 40.4458,
38.1023

■ 73.2592, 63.8785,
78.6378

■ 24.9420, 39.8646,
35.9624

■ 73.9158, 64.1412,
82.0952

■ 24.0910, 39.4702,
33.9221

■ 74.5907, 64.4112,
85.6496

Harmonies

Analogous

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



48.4969, 51.5441, 55.2948



48.4186, 51.5441, 56.1123



48.4932, 51.5441, 56.9407

Triad

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



48.4186, 51.5441, 56.1123



49.2759, 51.5441, 57.5657



49.2822, 51.5441, 54.7144

Complementary

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



48.4186, 51.5441, 56.1123



48.3352, 50.2492, 54.7310

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.



49.4924, 51.5441, 55.3127



48.4186, 51.5441, 56.1123



49.4887, 51.5441, 56.9590

Square

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



48.4186, 51.5441, 56.1123



48.9875, 51.5441, 57.7850



49.5681, 51.5441, 56.1332



48.9948, 51.5441, 54.4927

Rectangle

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



48.4186, 51.5441, 56.1123



48.6198, 51.5441, 57.3864



49.5681, 51.5441, 56.1332



49.3643, 51.5441, 54.8778

Sweetspot

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



48.4201, 51.5463, 56.1134



87.7279, 92.8248, 101.0708



48.3576, 51.5516, 54.4162



19.2748, 20.3888, 22.2002



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.



48.4201, 51.5463, 56.1134



85.8356, 91.8713, 99.9883



48.3270, 51.1842, 56.6252



10.3003, 11.0680, 12.0435



15.5428, 25.8074, 21.4527



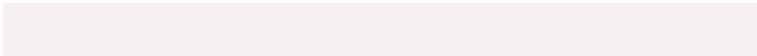
0.6336, 1.0208, 0.9707

Inverse Universe

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



48.3352, 50.2492, 54.7310



85.6160, 88.5147, 96.4109



48.4262, 50.6037, 54.2297



10.2679, 10.5725, 11.5154



14.4967, 7.4299, 2.6435



0.5951, 0.3019, 0.2471

Previews

White Background



This preview shows how the XYZ color 48.4186, 51.5441, 56.1123 looks on a white background.

Color Contrast Check

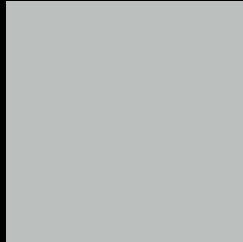
Large Text (above 18pt) WCAG AA × Fail

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 48.4186, 51.5441, 56.1123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

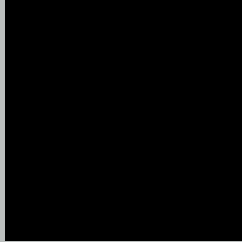
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

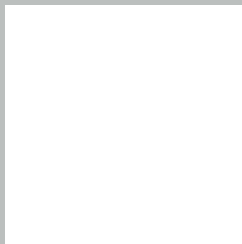
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4186, 51.5441, 56.1123

Background



This preview shows how black text looks on a background with the XYZ color 48.4186, 51.5441, 56.1123.



This preview shows how white text looks on a background with the XYZ color 48.4186, 51.5441,

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

48.4186, 51.5441, 56.1123

Protanopia

49.3752, 51.4068, 55.4643

Deuteranopia

52.5569, 51.4525, 56.4515



Tritanopia

50.0829, 51.5736, 64.4418

Trichromacy



Original Color

48.4186, 51.5441, 56.1123

Protanomaly

49.0846, 51.5774, 55.5125

Deuteranomaly

50.9937, 51.5816, 56.5588

Tritanomaly

49.4613, 51.6418, 61.3938

Monochromacy



Original Color

48.4186, 51.5441, 56.1123

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6940, 51.3634, 56.0629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4186, 51.5441, 56.1123 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, 191, 190)` looks like.

```
.text, #text, p{  
    color:rgb(187, 191, 190)  
}
```

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, 191, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 191, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.4186, 51.5441, 56.1123 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, 191, 190) }
```


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

```
.border{ border-color:rgb(187, 191, 190) }
```

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

Here you see how a box with a 4 pixel rgb(187, 191, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 191, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 191, 190);  
box-shadow:4px 4px 4px 4px rgb(187, 191,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4186, 51.5441, 56.1123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 191, 190) }
```

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

```
.background{ background-color: rgb(187,  
191, 190) }
```

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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