

Converting Colors

XYZ(48.1757, 51.4210, 56.1006)

Have a look what the booklet for
XYZ(48.1757, 51.4210, 56.1006)
contains.

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Color

**XYZ(48.1748, 51.4184,
56.1009)**

Conversions

Conversions Part 1

Format	Color
Hex	BABFBE
RGB	186, 191, 190
RGB Percent	73%, 75%, 75%
CMY	0.2706, 0.2510, 0.2549
CMYK	0.03, 0.00, 0.01, 0.25
HSL	168°, 4%, 74%
HSV	168°, 3%, 75%
XYZ	48.1748, 51.4184, 56.1009
YIQ	189.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

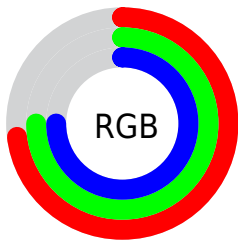
Format	Color
RYB	186, 189, 191
Decimal	12238782
CIELab	76.93, -1.91, -0.11
CIElCh	77, 1.916, 183.280
Yxy	51.4184, 0.3094, 0.3303
Android (android.graphics.Color)	4290428862 (0xFFBABFBE)
YUV	189.3910, 0.3002, -2.9739
Hunter-Lab	71.7066, -5.5646, 3.8081

Details

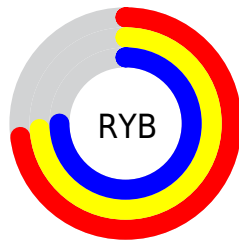
The XYZ color **48.1748, 51.4184, 56.1009** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0163, 49.7834, 54.0947**, and the grayscale version is **48.5943, 51.1250, 55.6751**.

A 20% lighter version of the original color is **86.5133, 92.0526, 100.3970**, and **23.2767, 24.9696, 27.2597** is the 20% darker color. If you saturate the color by 10%, you get **43.4285, 49.0208, 53.7234**, and if you desaturate by 10%, it is **53.5553, 54.1446, 58.5676**.

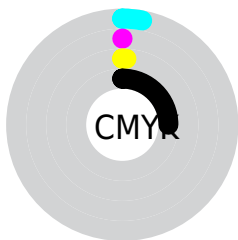
Distribution



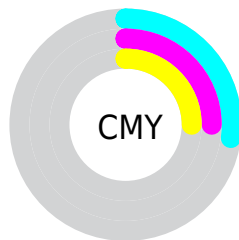
- Red (73%)
- Green (75%)
- Blue (75%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1748, 51.4184, 56.1009 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 48.1748, 51.4184, 56.1009 by changing the saturation by 10% instead.

■ 48.1748, 51.4184,
56.1009

■ 48.1748, 51.4184,
56.1009

370.0556,
392.1872, 427.4706

■ 34.1772, 36.5417,
39.8793

■ 86.6727, 92.2729,
100.6394

■ 23.1933, 24.8528,
27.1314

111.9037,
119.0196, 129.7933

■ 14.8578, 15.9675,
17.4386

141.6099,
150.4916, 164.0951

■ 8.8053, 9.5011,
10.3824

176.1566,
187.0735, 203.9632

■ 4.6705, 5.0695,
5.5443

215.9091,
229.1496, 249.8163

■ 2.0880, 2.2881,
2.5058

261.2329,

■ 0.6827, 0.7674,

277.1043, 302.0729

0.8432

312.4933,
331.3220, 361.1515

■ 0.0000, 0.0000,
0.0000

■ 48.1748, 51.4184,
56.1009

■ 48.1748, 51.4184,
56.1009

■ 43.4285, 49.0208,
53.7234

■ 53.5553, 54.1446,
58.5676

■ 39.2875, 46.9325,
51.4301

■ 59.5889, 57.2047,
61.1217

■ 35.7271, 45.1422,
49.2206

■ 66.2988, 60.6123,
63.7657

■ 32.7194, 43.6357,
47.0930

■ 70.9297, 62.9467,
66.3710

■ 30.2338, 42.3971,
45.0456

■ 71.3987, 63.1343,
68.8407

■ 28.2371, 41.4092,
43.0761

■ 71.8791, 63.3265,
71.3705

■ 26.6918, 40.6529,
41.1826

■ 72.3710, 63.5232,
73.9607

■ 25.5552, 40.1061,
39.3624

■ 72.8744, 63.7246,
76.6117

■ 24.7760, 39.7423,
37.6128

■ 73.3895, 63.9306,
79.3241

Harmonies

Analogous

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



48.2479, 51.4184, 55.0876



48.1748, 51.4184, 56.1009



48.2877, 51.4184, 57.0953

Triad

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



48.1748, 51.4184, 56.1009



49.2575, 51.4184, 57.6819



49.1877, 51.4184, 54.2109

Complementary

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



48.1748, 51.4184, 56.1009



48.0163, 49.7834, 54.0947

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.



49.4603, 51.4184, 54.8909



48.1748, 51.4184, 56.1009



49.5008, 51.4184, 56.8939

Square

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



48.1748, 51.4184, 56.1009



48.9118, 51.4184, 58.0152



49.5752, 51.4184, 55.8711



48.8315, 51.4184, 54.0045

Rectangle

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



48.1748, 51.4184, 56.1009



48.4535, 51.4184, 57.6114



49.5752, 51.4184, 55.8711



49.2922, 51.4184, 54.3913

Sweetspot

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



48.1763, 51.4206, 56.1020



87.7470, 92.8325, 101.1714



48.0093, 51.3844, 53.8430



19.2787, 20.3904, 22.2212



92.9021, 97.7402, 106.4391



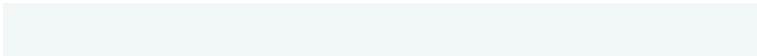
19.4759, 20.4902, 22.3138

Same Dimension

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



48.1763, 51.4206, 56.1020



85.8926, 91.8941, 100.2883



47.9786, 50.8493, 56.5789



10.3088, 11.0713, 12.0879



16.0359, 26.0047, 24.0497



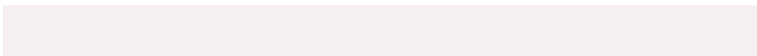
0.6494, 1.0271, 1.0538

Inverse Universe

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



48.0163, 49.7834, 54.0947



85.5603, 88.4924, 96.1174



48.2094, 50.3409, 53.6311



10.2597, 10.5692, 11.4722



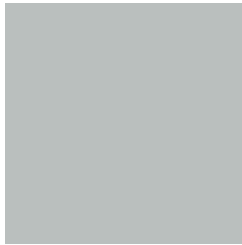
14.3768, 7.3819, 2.0121



0.5867, 0.2986, 0.2029

Previews

White Background



This preview shows how the XYZ color 48.1748, 51.4184, 56.1009 looks on a white background.

Color Contrast Check

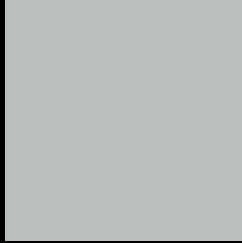
Large Text (above 18pt) WCAG AA × Fail

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 48.1748, 51.4184, 56.1009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

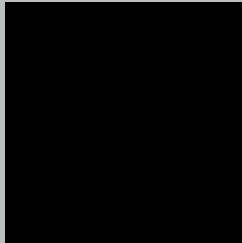
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

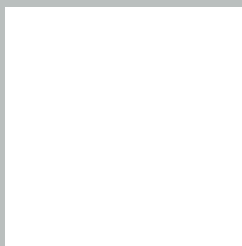
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1748, 51.4184, 56.1009

Background



This preview shows how black text looks on a background with the XYZ color 48.1748, 51.4184, 56.1009.

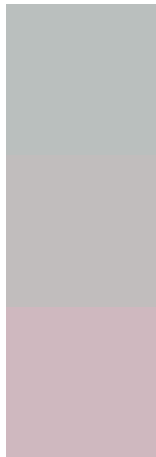


This preview shows how white text looks on a background with the XYZ color 48.1748, 51.4184,

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

48.1748, 51.4184, 56.1009

Protanopia

49.3752, 51.4068, 55.4643

Deuteranopia

52.2766, 51.3080, 56.4384



Tritanopia

49.8357, 51.4462, 64.4302

Trichromacy



Original Color

48.1748, 51.4184, 56.1009

Protanomaly

48.8340, 51.4482, 55.5008

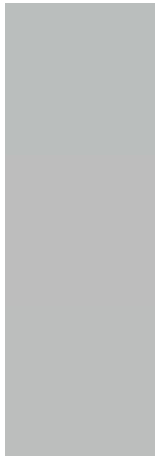
Deuteranomaly

50.7275, 51.4443, 56.5463

Tritanomaly

49.2158, 51.5152, 61.3823

Monochromacy



Original Color

48.1748, 51.4184, 56.1009

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.3378, 51.1924, 55.4776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1748, 51.4184, 56.1009 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(186, 191, 190)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 191, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 191, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.1748, 51.4184, 56.1009 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(186, 191, 190) }
```


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

```
.border{ border-color:rgb(186, 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(186, 191, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 191, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 191, 190);  
box-shadow:4px 4px 4px 4px rgb(186, 191,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1748, 51.4184, 56.1009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 191, 190) }
```

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

```
.background{ background-color: rgb(186,  
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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