

Converting Colors

XYZ(48.8875, 51.1641, 69.5864)

Have a look what the booklet for
XYZ(48.8875, 51.1641, 69.5864)
contains.

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Color

**XYZ(48.8875, 51.1641,
69.5864)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BED4
RGB	179, 190, 212
RGB Percent	70%, 75%, 83%
CMY	0.2980, 0.2549, 0.1686
CMYK	0.16, 0.10, 0.00, 0.17
HSL	220°, 28%, 77%
HSV	220°, 16%, 83%
XYZ	48.8875, 51.1641, 69.5864
YIQ	189.2190, -13.6180, 4.5100

Conversions

Conversions Part 2

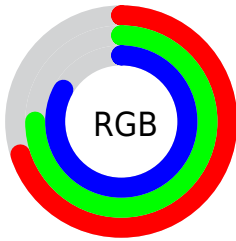
Format	Color
R_{YB}	179, 187, 212
Decimal	11779796
CIE _{Lab}	76.78, 0.70, -12.31
CIE _{LCh}	77, 12.331, 273.276
Yxy	51.1641, 0.2882, 0.3016
Android (android.graphics.Color)	4289969876 (0xFFB3BED4)
YUV	189.2190, 11.2310, -8.9621
Hunter-Lab	71.5291, -3.1777, -7.6094

Details

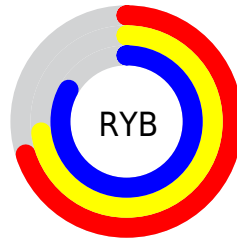
The XYZ color **48.8875, 51.1641, 69.5864** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1750, 59.0247, 51.0810**, and the grayscale version is **48.4396, 50.9623, 55.4979**.

A 20% lighter version of the original color is **85.2667, 90.7937, 107.6386**, and **23.6356, 24.7613, 35.4320** is the 20% darker color. If you saturate the color by 10%, you get **41.4458, 43.0032, 68.4042**, and if you desaturate by 10%, it is **57.3824, 60.3111, 70.9050**.

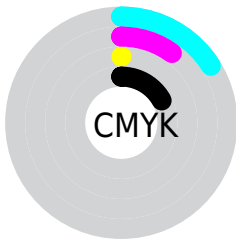
Distribution



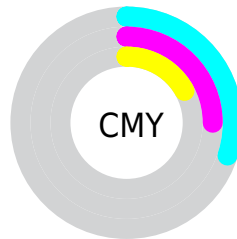
- Red (70%)
- Green (75%)
- Blue (83%)



- Red (70%)
- Yellow (73%)
- Blue (83%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8875, 51.1641, 69.5864 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 48.8875, 51.1641, 69.5864 by changing the saturation by 10% instead.

■ 48.8875, 51.1641,
69.5864

■ 48.8875, 51.1641,
69.5864

372.8236,
391.2010, 477.8463

■ 34.7444, 36.3392,
50.7147

■ 87.7261, 91.8973,
120.2943

■ 23.6317, 24.6963,
35.6065

113.1523,
118.5744, 152.9676

■ 15.1839, 15.8509,
23.8431

143.0702,
149.9710, 191.0785

■ 9.0357, 9.4187,
15.0062

177.8453,
186.4716, 235.0456

■ 4.8218, 5.0153,
8.6770

217.8428,
228.4605, 285.2874

■ 2.1767, 2.2562,
4.4372

263.4281,

■ 0.7304, 0.7504,

276.3221, 342.2224

1.8681

314.9666,
330.4408, 406.2692

■ 0.0000, 0.0000,
0.4723

■ 0.0000, 0.0000,
0.0000

■ 48.8875, 51.1641,
69.5864

■ 48.8875, 51.1641,
69.5864

■ 41.4458, 43.0032,
68.4042

■ 57.3824, 60.3111,
70.9050

■ 35.0099, 35.7877,
67.3507

■ 66.9661, 70.4707,
72.3609

■ 29.5357, 29.4830,
66.4223

■ 77.6780, 81.6759,
73.9592

■ 24.9736, 24.0499,
65.6141

■ 86.2414, 92.2487,
75.5486

■ 21.2696, 19.4461,
64.9207

■ 88.8838, 97.5335,
76.4294

■ 18.3632, 15.6251,
64.3363

■ 16.1851, 12.5349,
63.8546

■ 14.6519, 10.1150,
63.4684

■ 14.1170, 9.2199,
63.3238

Harmonies

Analogous

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



46.6350, 51.1641, 68.0266



48.8875, 51.1641, 69.5864



51.1401, 51.1641, 67.1888

Triad

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



48.8875, 51.1641, 69.5864



52.4886, 51.1641, 48.9350



44.7216, 51.1641, 50.1141

Complementary

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



48.8875, 51.1641, 69.5864



56.1750, 59.0247, 51.0810

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.



46.2033, 51.1641, 45.6175



48.8875, 51.1641, 69.5864



50.6810, 51.1641, 44.9760

Square

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



48.8875, 51.1641, 69.5864



53.2607, 51.1641, 54.9759



48.3733, 51.1641, 43.8114



44.2757, 51.1641, 56.4486

Rectangle

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



48.8875, 51.1641, 69.5864



52.3254, 51.1641, 63.7731



48.3733, 51.1641, 43.8114



45.1127, 51.1641, 48.3551

Sweetspot

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



48.8890, 51.1662, 69.5875



87.8622, 92.3583, 107.8038



52.6128, 60.8628, 63.8953



18.5972, 19.5454, 23.0424



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



48.8890, 51.1662, 69.5875



69.9652, 73.0379, 105.0179



47.7599, 47.1788, 68.8774



12.0775, 12.6785, 15.7482



8.7977, 5.8572, 39.1200



0.6057, 0.5034, 2.3846

Inverse Universe

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



52.5669, 49.9561, 55.5896



76.7233, 70.9797, 79.2596



57.4272, 63.6152, 51.9010



12.5923, 12.4884, 13.7935



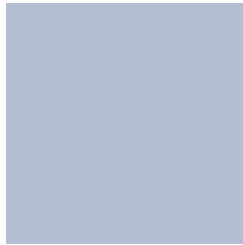
17.4995, 8.9361, 4.6687



1.0934, 0.5541, 0.4811

Previews

White Background



This preview shows how the XYZ color 48.8875, 51.1641, 69.5864 looks on a white background.

Color Contrast Check

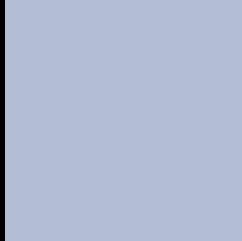
Large Text (above 18pt) WCAG AA × Fail

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 48.8875, 51.1641, 69.5864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

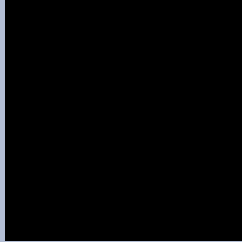
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

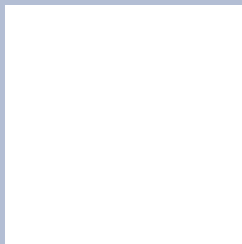
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8875, 51.1641, 69.5864

Background



This preview shows how black text looks on a background with the XYZ color 48.8875, 51.1641, 69.5864.



This preview shows how white text looks on a background with the XYZ color 48.8875, 51.1641,

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

48.8875, 51.1641, 69.5864

Protanopia

49.9908, 51.1087, 68.8582

Deuteranopia

52.1767, 50.9554, 70.0362



Tritanopia

48.1315, 51.1828, 65.7350

Trichromacy



Original Color

48.8875, 51.1641, 69.5864

Protanomaly

49.4839, 51.1656, 68.8959

Deuteranomaly

50.8044, 50.8691, 70.0918

Tritanomaly

48.3761, 51.2806, 67.0230

Monochromacy



Original Color

48.8875, 51.1641, 69.5864

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.2832, 50.7407, 60.0725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8875, 51.1641, 69.5864 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(179, 190, 212)` looks like.

```
.text, #text, p{  
    color:rgb(179, 190, 212)  
}
```

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(179, 190, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 190, 212) }
```

Border

The CSS property to change the border of an element to XYZ 48.8875, 51.1641, 69.5864 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(179, 190, 212) }
```


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

```
.border{ border-color:rgb(179, 190, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 190, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 190, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 190, 212);  
box-shadow:4px 4px 4px 4px rgb(179, 190,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8875, 51.1641, 69.5864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 190, 212) }
```

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

```
.background{ background-color: rgb(179,  
190, 212) }
```

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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