

Converting Colors

XYZ(48.6345, 50.6859, 61.4261)

Have a look what the booklet for
XYZ(48.6345, 50.6859, 61.4261)
contains.

XYZ(48.5417, 50.5291, 61.2275)	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(48.5417, 50.5291,
61.2275)**

Conversions

Conversions Part 1

Format	Color
Hex	BABCC7
RGB	186, 188, 199
RGB Percent	73%, 74%, 78%
CMY	0.2706, 0.2627, 0.2196
CMYK	0.07, 0.06, 0.00, 0.22
HSL	231°, 10%, 75%
HSV	231°, 7%, 78%
XYZ	48.5417, 50.5291, 61.2275
YIQ	188.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

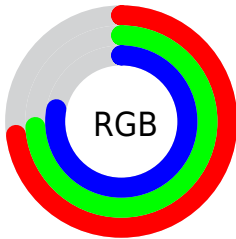
Format	Color
R _Y B	186, 188, 199
Decimal	12238023
CIE Lab	76.39, 1.42, -5.78
CIE LCh	76, 5.953, 283.794
Yxy	50.5291, 0.3028, 0.3152
Android (android.graphics.Color)	4290428103 (0xFFBABCC7)
YUV	188.6560, 5.0996, -2.3293
Hunter-Lab	71.0838, -2.5027, -1.3103

Details

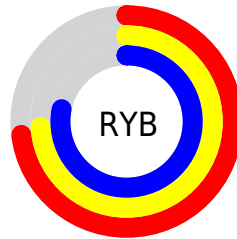
The XYZ color **48.5417, 50.5291, 61.2275** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3824, 55.6191, 54.4298**, and the grayscale version is **48.1483, 50.6558, 55.1641**.

A 20% lighter version of the original color is **87.0186, 90.7986, 107.5473**, and **23.4477, 24.3588, 30.2540** is the 20% darker color. If you saturate the color by 10%, you get **40.6513, 41.4320, 59.8882**, and if you desaturate by 10%, it is **57.5278, 60.8165, 62.7403**.

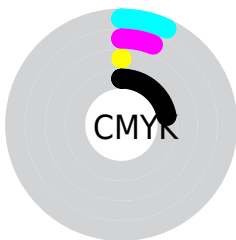
Distribution



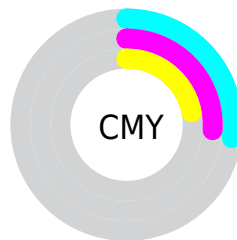
- Red (73%)
- Green (74%)
- Blue (78%)



- Red (73%)
- Yellow (74%)
- Blue (78%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5417, 50.5291, 61.2275 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 48.5417, 50.5291, 61.2275 by changing the saturation by 10% instead.

■ 48.5417, 50.5291,
61.2275

■ 48.5417, 50.5291,
61.2275

371.4822,
388.7315, 447.0373

■ 34.4691, 35.8340,
43.9770

■ 87.2152, 90.9583,
108.1690

■ 23.4188, 24.3060,
30.3154

112.5469,
117.4612, 138.6971

■ 15.0254, 15.5608,
19.8240

142.3622,
148.6688, 174.4882

■ 8.9237, 9.2139,
12.0844

177.0266,
184.9656, 215.9609

■ 4.7481, 4.8810,
6.6779

216.9055,
226.7358, 263.5335

■ 2.1335, 2.1776,
3.1861

262.3642,

■ 0.7073, 0.7077,

274.3639, 317.6248

1.1904

313.7680,
328.2343, 378.6532

■ 0.0000, 0.0000,
0.0000

■ 48.5417, 50.5291,
61.2275

■ 48.5417, 50.5291,
61.2275

■ 40.6513, 41.4320,
59.8882

■ 57.5278, 60.8165,
62.7403

■ 33.8102, 33.4757,
58.7131

■ 67.6450, 72.3286,
64.4292

■ 27.9750, 26.6170,
57.6968

■ 78.9323, 85.1063,
66.3006

■ 23.0979, 20.8071,
56.8324

■ 87.3090, 96.9036,
68.1362

■ 19.1268, 15.9936,
56.1126

■ 16.0048, 12.1197,
55.5294

■ 13.6682, 9.1224,
55.0740

■ 12.0441, 6.9308,
54.7366

■ 11.0415, 5.4605,
54.5056

Harmonies

Analogous

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



47.4278, 50.5291, 61.1553



48.5417, 50.5291, 61.2275



49.5323, 50.5291, 59.5909

Triad

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



48.5417, 50.5291, 61.2275



49.5978, 50.5291, 50.8586



45.9879, 50.5291, 53.3141

Complementary

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



48.5417, 50.5291, 61.2275



52.3824, 55.6191, 54.4298

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.



46.5513, 50.5291, 50.6845



48.5417, 50.5291, 61.2275



48.6300, 50.5291, 49.3049

Square

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



48.5417, 50.5291, 61.2275



50.1484, 50.5291, 53.5601



47.5147, 50.5291, 49.2425



45.9651, 50.5291, 56.5013

Rectangle

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



48.5417, 50.5291, 61.2275



49.9847, 50.5291, 57.7865



47.5147, 50.5291, 49.2425



46.1200, 50.5291, 52.3386

Sweetspot

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



48.5432, 50.5312, 61.2286



91.8376, 96.3238, 108.3597



50.7328, 55.3103, 60.7261



19.6907, 20.6558, 23.1991



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.



48.5432, 50.5312, 61.2286



82.6789, 85.8140, 106.8139



49.1870, 50.2322, 61.1370



10.1865, 10.5470, 13.4164



6.9796, 3.3531, 35.0237



0.3736, 0.2450, 1.6727

Inverse Universe

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



50.1903, 50.8917, 54.7573



86.2289, 86.6058, 92.8634



51.7068, 55.9506, 54.5294



10.6994, 10.6631, 11.4003



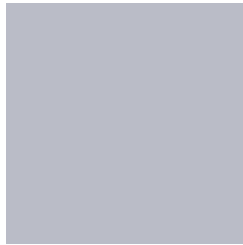
15.3223, 7.8785, 1.6412



0.7473, 0.3817, 0.1923

Previews

White Background



This preview shows how the XYZ color 48.5417, 50.5291, 61.2275 looks on a white background.

Color Contrast Check

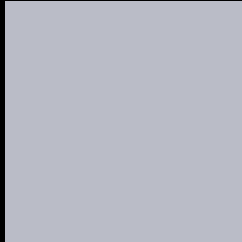
Large Text (above 18pt) WCAG AA × Fail

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 48.5417, 50.5291, 61.2275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

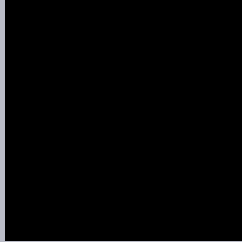
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

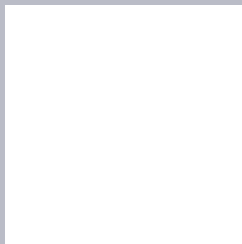
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5417, 50.5291, 61.2275

Background



This preview shows how black text looks on a background with the XYZ color 48.5417, 50.5291, 61.2275.



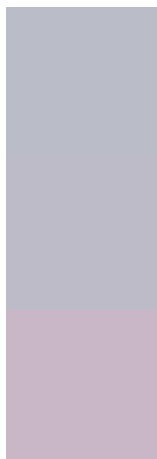
This preview shows how white text looks on a background with the XYZ color 48.5417, 50.5291,

61.2275.

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

48.5417, 50.5291, 61.2275

Protanopia

49.0654, 50.4830, 61.1910

Deuteranopia

51.4462, 50.4546, 61.6708



Tritanopia

48.9245, 50.3697, 63.0208

Trichromacy



Original Color

48.5417, 50.5291, 61.2275

Protanomaly

48.8182, 50.3555, 61.1794

Deuteranomaly

50.5392, 50.6038, 61.7474

Tritanomaly

48.8065, 50.3225, 62.3992

Monochromacy



Original Color

48.5417, 50.5291, 61.2275

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.5623, 50.9368, 57.7244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5417, 50.5291, 61.2275 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, 188, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 188, 199)  
}
```

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, 188, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 188, 199) }
```

Border

The CSS property to change the border of an element to XYZ 48.5417, 50.5291, 61.2275 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, 188, 199) }
```


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

```
.border{ border-color:rgb(186, 188, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 188, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 188, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 188, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 188,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5417, 50.5291, 61.2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 188, 199) }
```

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

```
.background{ background-color: rgb(186,  
188, 199) }
```

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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