

Converting Colors

XYZ(46.6649, 49.6405, 57.5741)

Have a look what the booklet for
XYZ(46.6649, 49.6405, 57.5741)
contains.

XYZ(46.6649, 49.6405, 57.5741)	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(46.6649, 49.6405,
57.5741)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BCC1
RGB	181, 188, 193
RGB Percent	71%, 74%, 76%
CMY	0.2902, 0.2627, 0.2431
CMYK	0.06, 0.03, 0.00, 0.24
HSL	205°, 9%, 73%
HSV	205°, 6%, 76%
XYZ	46.6649, 49.6405, 57.5741
YIQ	186.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

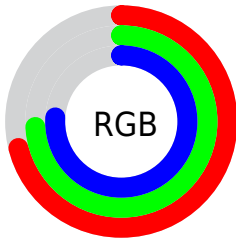
Format	Color
RYB	181, 185, 193
Decimal	11910337
CIELab	75.85, -1.45, -3.37
CIElCh	76, 3.669, 246.700
Yxy	49.6405, 0.3033, 0.3226
Android (android.graphics.Color)	4290100417 (0xFFB5BCC1)
YUV	186.4770, 3.2158, -4.8033
Hunter-Lab	70.4560, -5.0727, 0.8696

Details

The XYZ color **46.6649, 49.6405, 57.5741** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8917, 49.7908, 50.8032**, and the grayscale version is **46.9257, 49.3695, 53.7634**.

A 20% lighter version of the original color is **84.3746, 89.5454, 102.4595**, and **22.2997, 23.8106, 28.2315** is the 20% darker color. If you saturate the color by 10%, you get **40.7802, 44.1301, 56.8214**, and if you desaturate by 10%, it is **53.2750, 55.6696, 58.3902**.

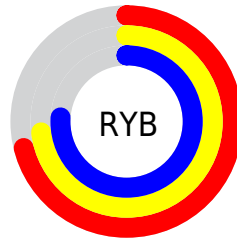
Distribution



Red (71%)

Green (74%)

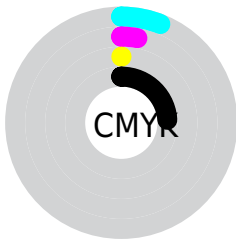
Blue (76%)



Red (71%)

Yellow (73%)

Blue (76%)

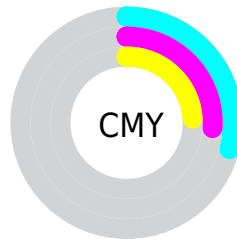


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (26%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6649, 49.6405, 57.5741 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 46.6649, 49.6405, 57.5741 by changing the saturation by 10% instead.

■ 46.6649, 49.6405,
57.5741

■ 46.6649, 49.6405,
57.5741

364.1466,
385.2584, 433.1509

■ 32.9777, 35.1278,
41.0539

■ 84.4350, 89.6420,
102.8110

■ 22.2685, 23.7614,
28.0412

109.2486,
115.8996, 132.3649

■ 14.1720, 15.1567,
18.1174

138.5016,
146.8410, 167.1003

■ 8.3229, 8.9294,
10.8640

172.5595,
182.8506, 207.4359

■ 4.3558, 4.6952,
5.8624

211.7876,
224.3127, 253.7903

■ 1.9053, 2.0695,
2.6942

256.5513,

■ 0.5799, 0.6474,

271.6118, 306.5818

0.9405

307.2158,
325.1322, 366.2292

■ 0.0000, 0.0000,
0.0000

■ 46.6649, 49.6405,
57.5741

■ 46.6649, 49.6405,
57.5741

■ 40.7802, 44.1301,
56.8214

■ 53.2750, 55.6696,
58.3902

■ 35.5896, 39.1157,
56.1271

■ 60.6318, 62.2264,
59.2681

■ 31.0653, 34.5821,
55.4905

■ 68.7612, 69.3279,
60.2103

■ 27.1764, 30.5110,
54.9097

■ 76.4985, 76.3757,
61.1629

■ 23.8890, 26.8824,
54.3825

■ 78.6606, 80.7000,
61.8836

■ 21.1659, 23.6746,
53.9069

■ 80.9256, 85.2299,
62.6386

■ 18.9653, 20.8635,
53.4803

■ 83.2947, 89.9681,
63.4283

■ 17.2390, 18.4213,
53.0999

■ 85.7693, 94.9173,
64.2531

■ 15.9253, 16.3137,
52.7623

■ 86.6258, 96.6303,
64.5386

Harmonies

Analogous

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



46.1380, 49.6405, 56.3263



46.6649, 49.6405, 57.5741



47.3350, 49.6405, 57.8674

Triad

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



46.6649, 49.6405, 57.5741



48.4965, 49.6405, 53.6130



46.4023, 49.6405, 51.0939

Complementary

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



46.6649, 49.6405, 57.5741



47.8917, 49.7908, 50.8032

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.



47.0289, 49.6405, 50.4045



46.6649, 49.6405, 57.5741



48.2413, 49.6405, 51.8360

Square

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



46.6649, 49.6405, 57.5741



48.3968, 49.6405, 55.5495



47.7025, 49.6405, 50.6728



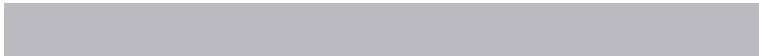
45.9874, 49.6405, 52.5778

Rectangle

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



46.6649, 49.6405, 57.5741



47.7736, 49.6405, 57.4759



47.7025, 49.6405, 50.6728



46.5949, 49.6405, 50.7632

Sweetspot

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



46.6663, 49.6426, 57.5752



88.3734, 93.3142, 103.7140



46.9684, 51.5011, 53.8089



18.9848, 20.0426, 22.2533



92.9021, 97.7402, 106.4391



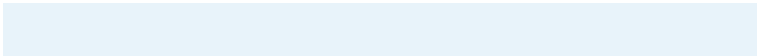
19.4759, 20.4902, 22.3138

Same Dimension

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



46.6663, 49.6426, 57.5752



82.5864, 87.9914, 102.9916



45.4513, 47.2126, 57.1702



10.2607, 10.9396, 12.8556



10.3833, 10.5230, 35.0405



0.5154, 0.5882, 1.5363

Inverse Universe

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



47.5944, 48.0169, 54.3392



84.4795, 84.6960, 96.3857



49.1393, 52.2859, 51.2190



10.5095, 10.5076, 11.9870



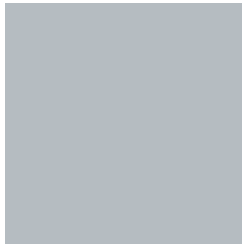
16.6370, 8.3445, 11.2662



0.7525, 0.3740, 0.6643

Previews

White Background



This preview shows how the XYZ color 46.6649, 49.6405, 57.5741 looks on a white background.

Color Contrast Check

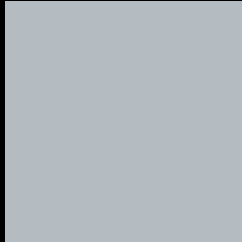
Large Text (above 18pt) WCAG AA × Fail

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 46.6649, 49.6405, 57.5741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

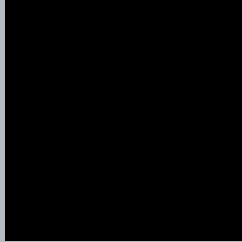
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

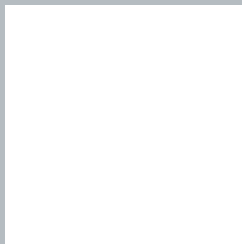
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.6649, 49.6405, 57.5741

Background



This preview shows how black text looks on a background with the XYZ color 46.6649, 49.6405, 57.5741.



This preview shows how white text looks on a background with the XYZ color 46.6649, 49.6405,

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

46.6649, 49.6405, 57.5741

Protanopia

48.0596, 49.7424, 56.9374

Deuteranopia

50.3489, 49.3603, 57.9128



Tritanopia

47.6043, 49.7028, 62.3429

Trichromacy



Original Color

46.6649, 49.6405, 57.5741

Protanomaly

47.5345, 49.7855, 56.9734

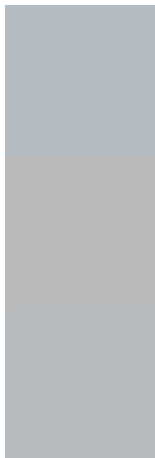
Deuteranomaly

49.1262, 49.6454, 58.0322

Tritanomaly

47.2548, 49.5629, 60.5021

Monochromacy



Original Color

46.6649, 49.6405, 57.5741

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.7228, 49.4051, 55.2177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6649, 49.6405, 57.5741 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(181, 188, 193)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 193)  
}
```

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(181, 188, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 193) }
```

Border

The CSS property to change the border of an element to XYZ 46.6649, 49.6405, 57.5741 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(181, 188, 193) }
```


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

```
.border{ border-color:rgb(181, 188, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 188, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 193);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6649, 49.6405, 57.5741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 193) }
```

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

```
.background{ background-color: rgb(181,  
188, 193) }
```

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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