

Converting Colors

XYZ(46.8083, 48.5419, 57.2042)

Have a look what the booklet for
XYZ(46.8083, 48.5419, 57.2042)
contains.

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Color

**XYZ(46.7737, 48.4455,
57.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B8C1
RGB	185, 184, 193
RGB Percent	73%, 72%, 76%
CMY	0.2745, 0.2784, 0.2431
CMYK	0.04, 0.05, 0.00, 0.24
HSL	247°, 7%, 74%
HSV	247°, 5%, 76%
XYZ	46.7737, 48.4455, 57.3378
YIQ	185.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

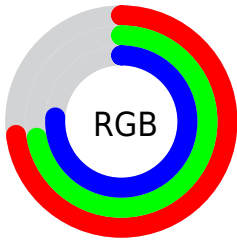
Format	Color
RYP	185, 184, 193
Decimal	12171457
CIELab	75.11, 2.06, -4.43
CIElCh	75, 4.884, 294.922
Yxy	48.4455, 0.3066, 0.3176
Android (android.graphics.Color)	4290361537 (0xFFB9B8C1)
YUV	185.3250, 3.7838, -0.2850
Hunter-Lab	69.6028, -1.8513, -0.1203

Details

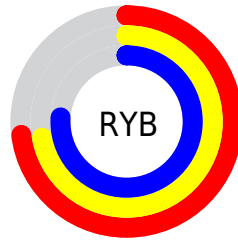
The XYZ color **46.7737, 48.4455, 57.3378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4618, 52.8084, 52.9359**, and the grayscale version is **46.2767, 48.6867, 53.0198**.

A 20% lighter version of the original color is **84.5346, 87.8605, 102.1259**, and **22.3656, 23.0316, 28.0777** is the 20% darker color. If you saturate the color by 10%, you get **39.1420, 38.9613, 55.9101**, and if you desaturate by 10%, it is **55.4549, 59.2854, 58.9733**.

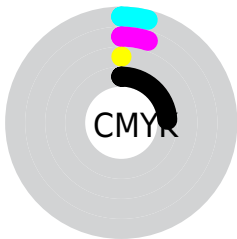
Distribution



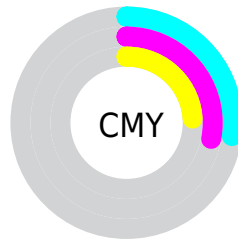
- Red (73%)
- Green (72%)
- Blue (76%)



- Red (73%)
- Yellow (72%)
- Blue (76%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7737, 48.4455, 57.3378 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 46.7737, 48.4455, 57.3378 by changing the saturation by 10% instead.

■ 46.7737, 48.4455,
57.3378

■ 46.7737, 48.4455,
57.3378

364.5745,
380.5553, 432.2430

■ 33.0640, 34.1798,
40.8653

■ 84.5965, 87.8673,
102.4631

■ 22.3349, 23.0318,
27.8950

109.4404,
113.7923, 131.9531

■ 14.2212, 14.6170,
18.0082

138.7263,
144.3725, 166.6193

■ 8.3574, 8.5510,
10.7863

172.8196,
179.9922, 206.8803

■ 4.3782, 4.4495,
5.8110

212.0858,
221.0360, 253.1546

■ 1.9182, 1.9281,
2.6636

256.8901,

■ 0.5874, 0.5652,

267.8882, 305.8609

0.9250

307.5979,
320.9331, 365.4175

■ 0.0000, 0.0000,
0.0000

■ 46.7737, 48.4455,
57.3378

■ 46.7737, 48.4455,
57.3378

■ 39.1420, 38.9613,
55.9101

■ 55.4549, 59.2854,
58.9733

■ 32.5160, 30.7734,
54.6789

■ 65.2190, 71.5250,
60.8212

■ 26.8547, 23.8274,
53.6366

■ 76.1030, 85.2140,
62.8897

■ 22.1129, 18.0623,
52.7738

■ 86.1297, 96.3746,
64.5155

■ 18.2418, 13.4122,
52.0802

■ 86.6258, 96.6303,
64.5387

■ 15.1878, 9.8046,
51.5448

■ 12.8916, 7.1583,
51.1551

■ 11.2854, 5.3803,
50.8965

■ 10.2892, 4.3583,
50.7518

Harmonies

Analogous

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



45.8941, 48.4455, 57.8030



46.7737, 48.4455, 57.3378



47.4663, 48.4455, 55.6272

Triad

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



46.7737, 48.4455, 57.3378



47.0404, 48.4455, 48.8241



44.3559, 48.4455, 52.3146

Complementary

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



46.7737, 48.4455, 57.3378



49.4618, 52.8084, 52.9359

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.



44.6544, 48.4455, 49.9716



46.7737, 48.4455, 57.3378



46.1982, 48.4455, 47.9984

Square

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



46.7737, 48.4455, 57.3378



47.6216, 48.4455, 50.7027



45.3259, 48.4455, 48.4116



44.5055, 48.4455, 54.8494

Rectangle

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



46.7737, 48.4455, 57.3378



47.7248, 48.4455, 54.0392



45.3259, 48.4455, 48.4116



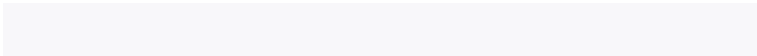
44.4070, 48.4455, 51.4794

Sweetspot

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



46.7751, 48.4476, 57.3389



89.2205, 93.5606, 103.7169



48.2660, 51.7851, 57.9045



19.1576, 20.0928, 22.2539



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.



46.7751, 48.4476, 57.3389



81.7019, 84.1889, 102.3042



47.8535, 49.0035, 57.3893



10.1205, 10.4108, 12.7609



6.6480, 2.6876, 33.7250



0.3226, 0.1344, 1.4588

Inverse Universe

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



48.6490, 49.4264, 56.8478



86.0502, 86.4605, 101.1542



48.3638, 52.2424, 52.8845



10.7033, 10.7152, 12.6063



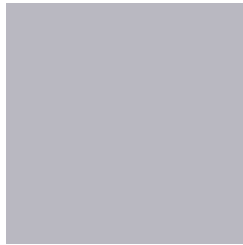
19.5739, 9.5193, 26.7317



0.8597, 0.4169, 1.2287

Previews

White Background



This preview shows how the XYZ color 46.7737, 48.4455, 57.3378 looks on a white background.

Color Contrast Check

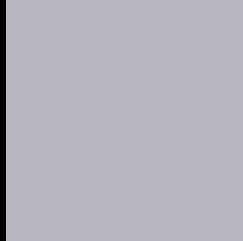
Large Text (above 18pt) WCAG AA × Fail

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 46.7737, 48.4455, 57.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

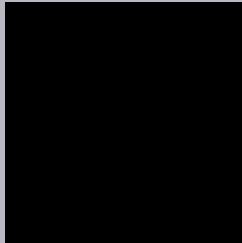
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

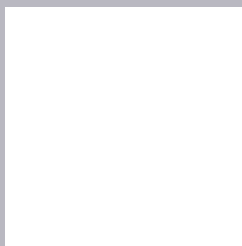
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7737, 48.4455, 57.3378

Background



This preview shows how black text looks on a background with the XYZ color 46.7737, 48.4455, 57.3378.

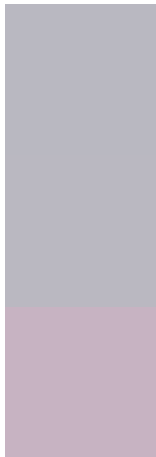


This preview shows how white text looks on a background with the XYZ color 46.7737, 48.4455,

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

46.7737, 48.4455, 57.3378

Protanopia

47.0158, 48.5703, 57.3491

Deuteranopia

49.4109, 48.2774, 57.7532



Tritanopia

47.3762, 48.3833, 60.2680

Trichromacy



Original Color

46.7737, 48.4455, 57.3378

Protanomaly

47.0158, 48.5703, 57.3491

Deuteranomaly

48.5096, 48.4121, 57.8267

Tritanomaly

47.1470, 48.2916, 59.0608

Monochromacy



Original Color

46.7737, 48.4455, 57.3378

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4336, 48.6431, 54.5187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7737, 48.4455, 57.3378 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(185, 184, 193)` looks like.

```
.text, #text, p{  
    color:rgb(185, 184, 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(185, 184, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 184, 193) }
```

Border

The CSS property to change the border of an element to XYZ 46.7737, 48.4455, 57.3378 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(185, 184, 193) }
```


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

```
.border{ border-color:rgb(185, 184, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 184, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 184, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 184, 193);  
box-shadow:4px 4px 4px 4px rgb(185, 184,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7737, 48.4455, 57.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 184, 193) }
```

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

```
.background{ background-color: rgb(185,  
184, 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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