

Converting Colors

XYZ(46.7647, 48.8726, 56.5335)

Have a look what the booklet for
XYZ(46.7647, 48.8726, 56.5335)
contains.

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Color

**XYZ(46.7605, 48.7738,
56.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B9BF
RGB	185, 185, 191
RGB Percent	73%, 73%, 75%
CMY	0.2745, 0.2745, 0.2510
CMYK	0.03, 0.03, 0.00, 0.25
HSL	240°, 4%, 74%
HSV	240°, 3%, 75%
XYZ	46.7605, 48.7738, 56.2400
YIQ	185.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

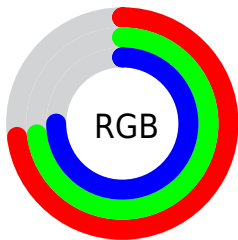
Format	Color
RYB	185, 185, 191
Decimal	12171711
CIELab	75.31, 1.14, -3.04
CIELCh	75, 3.243, 290.500
Yxy	48.7738, 0.3081, 0.3214
Android (android.graphics.Color)	4290361791 (0xFFB9B9BF)
YUV	185.6840, 2.6208, -0.5999
Hunter-Lab	69.8382, -2.7015, 1.1412

Details

The XYZ color **46.7605, 48.7738, 56.2400** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8737, 51.8402, 53.3299**, and the grayscale version is **46.4831, 48.9039, 53.2563**.

A 20% lighter version of the original color is **84.5194, 88.3268, 100.5898**, and **22.3544, 23.2430, 27.3529** is the 20% darker color. If you saturate the color by 10%, you get **38.7300, 39.0993, 54.7966**, and if you desaturate by 10%, it is **55.9491, 59.8440, 57.8932**.

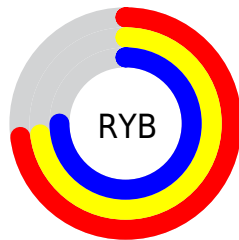
Distribution



Red (73%)

Green (73%)

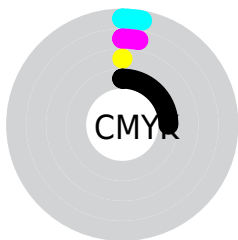
Blue (75%)



Red (73%)

Yellow (73%)

Blue (75%)

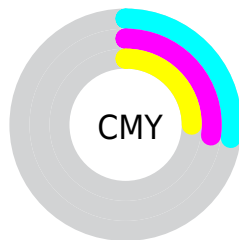


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7605, 48.7738, 56.2400 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 46.7605, 48.7738, 56.2400 by changing the saturation by 10% instead.

■ 46.7605, 48.7738,
56.2400

■ 46.7605, 48.7738,
56.2400

364.5226,
381.8511, 428.0090

■ 33.0535, 34.4401,
39.9901

■ 84.5769, 88.3554,
100.8447

■ 22.3269, 23.2319,
27.2171

109.4171,
114.3721, 130.0366

■ 14.2152, 14.7648,
17.5025

138.6990,
145.0519, 164.3795

■ 8.3532, 8.6545,
10.4276

172.7881,
180.7791, 204.2920

■ 4.3755, 4.5165,
5.5741

212.0496,
221.9383, 250.1927

■ 1.9167, 1.9665,
2.5233

256.8490,

■ 0.5865, 0.5879,

268.9138, 302.5001

0.8525

307.5515,
322.0899, 361.6327

■ 0.0000, 0.0000,
0.0000

■ 46.7605, 48.7738,
56.2400

■ 46.7605, 48.7738,
56.2400

■ 38.7300, 39.0993,
54.7966

■ 55.9491, 59.8440,
57.8932

■ 31.8075, 30.7592,
53.5517

■ 66.3346, 72.3555,
59.7608

■ 25.9459, 23.6969,
52.4975

■ 77.9595, 86.3599,
61.8512

■ 21.0926, 17.8492,
51.6245

■ 86.4041, 96.5416,
63.3714

■ 17.1909, 13.1478,
50.9227

■ 14.1783, 9.5174,
50.3808

■ 11.9848, 6.8738,
49.9861

■ 10.5302, 5.1204,
49.7243

■ 9.7180, 4.1408,
49.5781

Harmonies

Analogous

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



46.1692, 48.7738, 56.4093



46.7605, 48.7738, 56.2400



47.2479, 48.7738, 55.2213

Triad

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



46.7605, 48.7738, 56.2400



47.0907, 48.7738, 50.6141



45.2370, 48.7738, 52.5666

Complementary

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



46.7605, 48.7738, 56.2400



48.8737, 51.8402, 53.3299

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.



45.4794, 48.7738, 51.0462



46.7605, 48.7738, 56.2400



46.5474, 48.7738, 49.9349

Square

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



46.7605, 48.7738, 56.2400



47.4397, 48.7738, 51.9653



45.9579, 48.7738, 50.0914



45.2930, 48.7738, 54.2640

Rectangle

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



46.7605, 48.7738, 56.2400



47.4466, 48.7738, 54.2094



45.9579, 48.7738, 50.0914



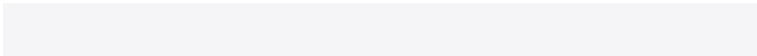
45.2862, 48.7738, 52.0184

Sweetspot

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



46.7619, 48.7759, 56.2411



87.0711, 91.3582, 101.3239



48.0321, 51.3339, 56.6102



19.1377, 20.0827, 22.2530



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.



46.7619, 48.7759, 56.2411



82.3380, 85.6560, 100.4727



47.4681, 49.1389, 56.2739



9.8424, 10.2206, 12.1262



6.1811, 2.4739, 32.5446



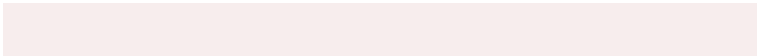
0.2423, 0.0972, 1.2748

Inverse Universe

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



47.5929, 49.2780, 52.9046



84.2513, 86.8120, 92.7905



48.1522, 51.4693, 53.2963



10.1073, 10.3807, 11.0626



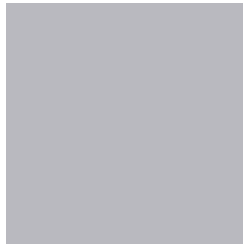
14.1207, 7.2794, 0.6633



0.5532, 0.2852, 0.0264

Previews

White Background



This preview shows how the XYZ color 46.7605, 48.7738, 56.2400 looks on a white background.

Color Contrast Check

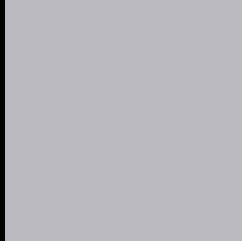
Large Text (above 18pt) WCAG AA × Fail

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 46.7605, 48.7738, 56.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

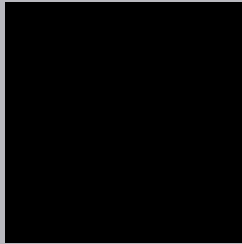
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7605, 48.7738, 56.2400

Background



This preview shows how black text looks on a background with the XYZ color 46.7605, 48.7738, 56.2400.

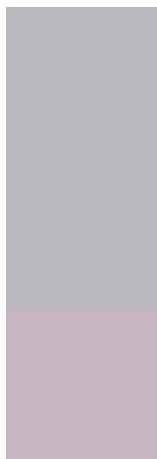


This preview shows how white text looks on a background with the XYZ color 46.7605, 48.7738,

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

46.7605, 48.7738, 56.2400

Protanopia

47.0380, 48.6074, 56.1932

Deuteranopia

49.6551, 48.7276, 56.6574



Tritanopia

47.5832, 48.7973, 60.3370

Trichromacy



Original Color

46.7605, 48.7738, 56.2400

Protanomaly

46.7942, 48.4817, 56.1818

Deuteranomaly

48.7481, 48.8638, 56.7315

Tritanomaly

47.2405, 48.6602, 58.5323

Monochromacy



Original Color

46.7605, 48.7738, 56.2400

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.8857, 49.1878, 54.6000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7605, 48.7738, 56.2400 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, 185, 191)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 191)  
}
```

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, 185, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 191) }
```

Border

The CSS property to change the border of an element to XYZ 46.7605, 48.7738, 56.2400 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, 185, 191) }
```


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

```
.border{ border-color:rgb(185, 185, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 185, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 191);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7605, 48.7738, 56.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 191) }
```

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

```
.background{ background-color: rgb(185,  
185, 191) }
```

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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