

Converting Colors

XYZ(46.8474, 48.9608, 55.7127)

Have a look what the booklet for
XYZ(46.8474, 48.9608, 55.7127)
contains.

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Color

**XYZ(46.6508, 48.7299,
55.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B9BE
RGB	185, 185, 190
RGB Percent	73%, 73%, 75%
CMY	0.2745, 0.2745, 0.2549
CMYK	0.03, 0.03, 0.00, 0.25
HSL	240°, 4%, 74%
HSV	240°, 3%, 75%
XYZ	46.6508, 48.7299, 55.6623
YIQ	185.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

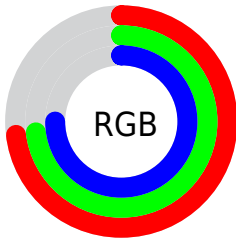
Format	Color
RYB	185, 185, 190
Decimal	12171710
CIELab	75.28, 0.94, -2.53
CIELCh	75, 2.704, 290.454
Yxy	48.7299, 0.3089, 0.3226
Android (android.graphics.Color)	4290361790 (0xFFB9B9BE)
YUV	185.5700, 2.1840, -0.4999
Hunter-Lab	69.8068, -2.8731, 1.5883

Details

The XYZ color **46.6508, 48.7299, 55.6623** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4057, 51.2763, 53.2457**, and the grayscale version is **46.4217, 48.8392, 53.1859**.

A 20% lighter version of the original color is **84.3655, 88.2652, 99.7791**, and **22.2823, 23.2142, 26.9733** is the 20% darker color. If you saturate the color by 10%, you get **38.6597, 39.1032, 54.2261**, and if you desaturate by 10%, it is **55.7878, 59.7376, 57.3062**.

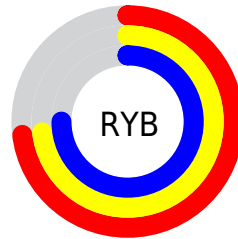
Distribution



Red (73%)

Green (73%)

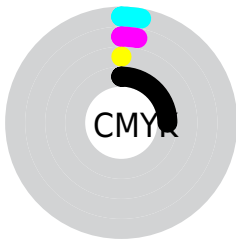
Blue (75%)



Red (73%)

Yellow (73%)

Blue (75%)

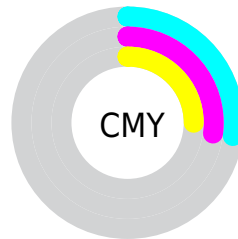


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6508, 48.7299, 55.6623 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 46.6508, 48.7299, 55.6623 by changing the saturation by 10% instead.

■ 46.6508, 48.7299,
55.6623

■ 46.6508, 48.7299,
55.6623

364.0912,
381.6780, 425.7701

■ 32.9665, 34.4053,
39.5301

■ 84.4141, 88.2902,
99.9915

■ 22.2599, 23.2051,
26.8613

109.2237,
114.2946, 129.0256

■ 14.1656, 14.7450,
17.2376

138.4725,
144.9611, 163.1973

■ 8.3184, 8.6406,
10.2403

172.5258,
180.6740, 202.9252

■ 4.3529, 4.5075,
5.4509

211.7490,
221.8177, 248.6280

■ 1.9037, 1.9613,
2.4508

256.5073,

■ 0.5790, 0.5849,

268.7767, 300.7240

0.8139

307.1663,
321.9354, 359.6319

■ 0.0000, 0.0000,
0.0000

■ 46.6508, 48.7299,
55.6623

■ 46.6508, 48.7299,
55.6623

■ 38.6597, 39.1032,
54.2261

■ 55.7878, 59.7376,
57.3062

■ 31.7652, 30.7970,
52.9862

■ 66.1090, 72.1713,
59.1621

■ 25.9209, 23.7556,
51.9351

■ 77.6560, 86.0814,
61.2385

■ 21.0753, 17.9172,
51.0636

■ 86.2944, 96.4978,
62.7937

■ 17.1724, 13.2144,
50.3615

■ 14.1509, 9.5733,
49.8180

■ 11.9424, 6.9115,
49.4206

■ 10.4682, 5.1342,
49.1553

■ 9.6340, 4.1282,
49.0050

Harmonies

Analogous

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



46.1581, 48.7299, 55.8013



46.6508, 48.7299, 55.6623



47.0565, 48.7299, 54.8188

Triad

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



46.6508, 48.7299, 55.6623



46.9269, 48.7299, 50.9776



45.3810, 48.7299, 52.6064

Complementary

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



46.6508, 48.7299, 55.6623



48.4057, 51.2763, 53.2457

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.



45.5839, 48.7299, 51.3364



46.6508, 48.7299, 55.6623



46.4748, 48.7299, 50.4072

Square

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



46.6508, 48.7299, 55.6623



47.2167, 48.7299, 52.1086



45.9834, 48.7299, 50.5373



45.4274, 48.7299, 54.0200

Rectangle

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



46.6508, 48.7299, 55.6623



47.2220, 48.7299, 53.9788



45.9834, 48.7299, 50.5373



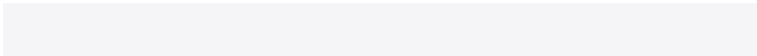
45.4223, 48.7299, 52.1489

Sweetspot

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



46.6522, 48.7320, 55.6634



87.0712, 91.3583, 101.3239



47.7070, 50.8561, 55.9700



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.



46.6522, 48.7320, 55.6634



83.8945, 87.5313, 100.7527



47.2396, 49.0338, 55.6907



10.0140, 10.4274, 12.1571



6.1812, 2.4742, 32.5447



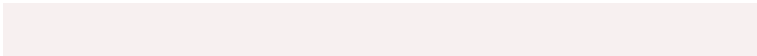
0.2423, 0.0972, 1.2749

Inverse Universe

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



47.3422, 49.1488, 52.8928



85.3390, 88.4039, 94.9526



47.8077, 50.9690, 53.2179



10.2272, 10.5562, 11.3009



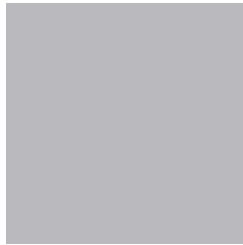
14.1208, 7.2795, 0.6636



0.5532, 0.2852, 0.0264

Previews

White Background



This preview shows how the XYZ color 46.6508, 48.7299, 55.6623 looks on a white background.

Color Contrast Check

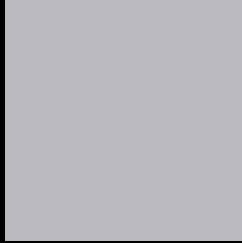
Large Text (above 18pt) WCAG AA × Fail

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 46.6508, 48.7299, 55.6623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

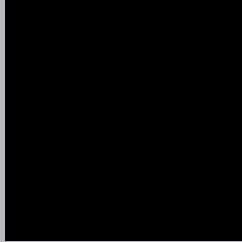
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.6508, 48.7299, 55.6623

Background



This preview shows how black text looks on a background with the XYZ color 46.6508, 48.7299, 55.6623.



This preview shows how white text looks on a background with the XYZ color 46.6508, 48.7299,

55.6623.

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

46.6508, 48.7299, 55.6623

Protanopia

46.9283, 48.5635, 55.6155

Deuteranopia

49.8126, 48.8216, 56.0883



Tritanopia

47.5832, 48.7973, 60.3370

Trichromacy



Original Color

46.6508, 48.7299, 55.6623

Protanomaly

46.6845, 48.4378, 55.6041

Deuteranomaly

48.6376, 48.8196, 56.1499

Tritanomaly

47.2405, 48.6602, 58.5323

Monochromacy



Original Color

46.6508, 48.7299, 55.6623

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.7782, 49.1448, 54.0341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6508, 48.7299, 55.6623 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 190) }
```

Border

The CSS property to change the border of an element to XYZ 46.6508, 48.7299, 55.6623 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, 190) }
```


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

```
.border{ border-color:rgb(185, 185, 190) }
```

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, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6508, 48.7299, 55.6623 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, 190) }
```

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

```
.background{ background-color: rgb(185,  
185, 190) }
```

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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