

Converting Colors

XYZ(46.3946, 48.3048, 56.7791)

Have a look what the booklet for
XYZ(46.3946, 48.3048, 56.7791)
contains.

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Color

**XYZ(46.4221, 48.2771,
56.7409)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B8C0
RGB	184, 184, 192
RGB Percent	72%, 72%, 75%
CMY	0.2784, 0.2784, 0.2471
CMYK	0.04, 0.04, 0.00, 0.25
HSL	240°, 6%, 74%
HSV	240°, 4%, 75%
XYZ	46.4221, 48.2771, 56.7409
YIQ	184.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

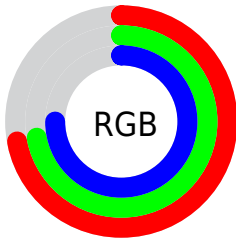
Format	Color
RYB	184, 184, 192
Decimal	12105920
CIELab	75.00, 1.52, -4.05
CIElCh	75, 4.325, 290.600
Yxy	48.2771, 0.3065, 0.3188
Android (android.graphics.Color)	4290296000 (0xFFB8B8C0)
YUV	184.9120, 3.4944, -0.7998
Hunter-Lab	69.4817, -2.3337, 0.2192

Details

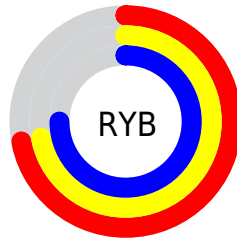
The XYZ color **46.4221, 48.2771, 56.7409** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2397, 52.3660, 52.8607**, and the grayscale version is **46.0486, 48.4467, 52.7584**.

A 20% lighter version of the original color is **84.0385, 87.6228, 101.2905**, and **22.1366, 22.9220, 27.6838** is the 20% darker color. If you saturate the color by 10%, you get **38.4114, 38.6261, 55.3010**, and if you desaturate by 10%, it is **55.6008, 59.3359, 58.3924**.

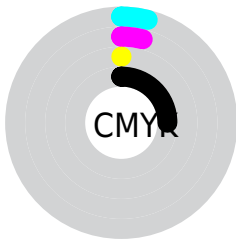
Distribution



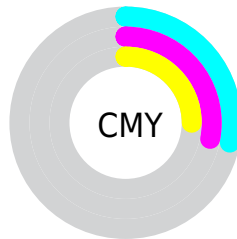
- Red (72%)
- Green (72%)
- Blue (75%)



- Red (72%)
- Yellow (72%)
- Blue (75%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.4221, 48.2771, 56.7409 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 46.4221, 48.2771, 56.7409 by changing the saturation by 10% instead.

■ 46.4221, 48.2771,
56.7409

■ 46.4221, 48.2771,
56.7409

363.1906,
379.8894, 429.9442

■ 32.7851, 34.0464,
40.3893

■ 84.0744, 87.6168,
101.5836

■ 22.1203, 22.9292,
27.5261

108.8203,
113.4946, 130.9118

■ 14.0624, 14.5413,
17.7328

137.9999,
144.0236, 165.4025

■ 8.2461, 8.4981,
10.5909

171.9786,
179.5881, 205.4744

■ 4.3059, 4.4153,
5.6818

211.1216,
220.5725, 251.5460

■ 1.8766, 1.9085,
2.5869

255.7944,

■ 0.5632, 0.5535,

267.3613, 304.0358

0.8857

306.3623,
320.3388, 363.3624

■ 0.0000, 0.0000,
0.0000

■ 46.4221, 48.2771,
56.7409

■ 46.4221, 48.2771,
56.7409

■ 38.4114, 38.6261,
55.3010

■ 55.6008, 59.3359,
58.3924

■ 31.5179, 30.3205,
54.0612

■ 65.9872, 71.8493,
60.2603

■ 25.6933, 23.3026,
53.0136

■ 77.6245, 85.8696,
62.3532

■ 20.8840, 17.5078,
52.1486

■ 86.5146, 96.5858,
63.9531

■ 17.0320, 12.8663,
51.4557

■ 14.0733, 9.3010,
50.9235

■ 11.9361, 6.7254,
50.5390

■ 10.5377, 5.0398,
50.2873

■ 9.7780, 4.1238,
50.1506

Harmonies

Analogous

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



45.6385, 48.2771, 56.9723



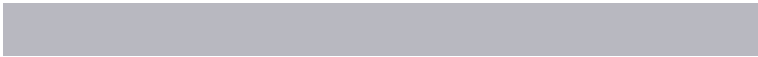
46.4221, 48.2771, 56.7409



47.0690, 48.2771, 55.3736

Triad

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



46.4221, 48.2771, 56.7409



46.8562, 48.2771, 49.2772



44.4046, 48.2771, 51.8587

Complementary

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



46.4221, 48.2771, 56.7409



49.2397, 52.3660, 52.8607

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.



44.7229, 48.2771, 49.8541



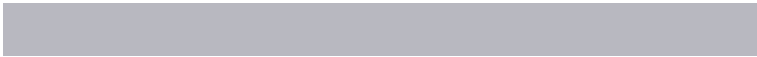
46.4221, 48.2771, 56.7409



46.1343, 48.2771, 48.3921

Square

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



46.4221, 48.2771, 56.7409



47.3216, 48.2771, 51.0507



45.3539, 48.2771, 48.6002



44.4796, 48.2771, 54.1100

Rectangle

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



46.4221, 48.2771, 56.7409



47.3327, 48.2771, 54.0229



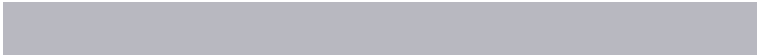
45.3539, 48.2771, 48.6002



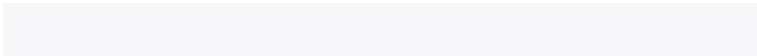
44.4690, 48.2771, 51.1347

Sweetspot

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



46.4235, 48.2792, 56.7420



89.1228, 93.5106, 103.7124



48.1172, 51.6903, 57.2337



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.



46.4235, 48.2792, 56.7420



82.7030, 85.7760, 102.5578



47.3619, 48.7620, 56.7857



10.2245, 10.5870, 12.7894



6.4028, 2.5621, 33.7137



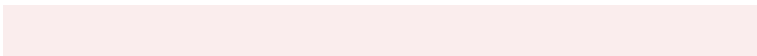
0.2767, 0.1109, 1.4567

Inverse Universe

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



47.5315, 48.9491, 52.2927



85.1361, 87.2471, 92.7880



48.2741, 51.8691, 52.8156



10.5597, 10.7896, 11.4435



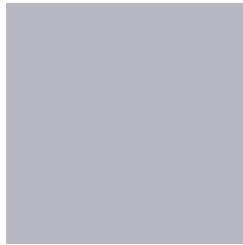
14.6278, 7.5409, 0.6862



0.6321, 0.3258, 0.0299

Previews

White Background



This preview shows how the XYZ color 46.4221, 48.2771, 56.7409 looks on a white background.

Color Contrast Check

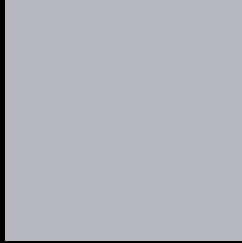
Large Text (above 18pt) WCAG AA × Fail

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 46.4221, 48.2771, 56.7409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

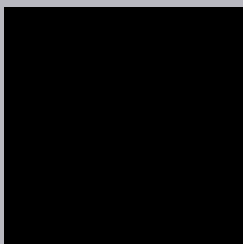
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

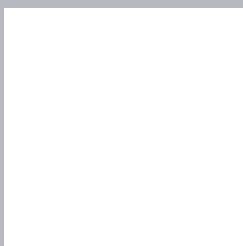
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.4221, 48.2771, 56.7409

Background



This preview shows how black text looks on a background with the XYZ color 46.4221, 48.2771, 56.7409.

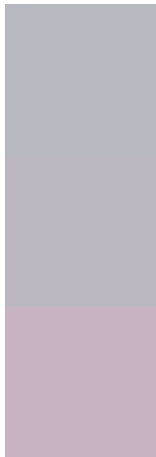


This preview shows how white text looks on a background with the XYZ color 46.4221, 48.2771,

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

46.4221, 48.2771, 56.7409

Protanopia

46.6976, 48.1118, 56.6945

Deuteranopia

49.2989, 48.2326, 57.1636



Tritanopia

47.1341, 48.2585, 60.2567

Trichromacy



Original Color

46.4221, 48.2771, 56.7409

Protanomaly

46.4555, 47.9870, 56.6831

Deuteranomaly

48.3976, 48.3673, 57.2371

Tritanomaly

46.9049, 48.1668, 59.0495

Monochromacy



Original Color

46.4221, 48.2771, 56.7409

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 46.4221, 48.2771, 56.7409 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(184, 184, 192) looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 192)  
}
```

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(184, 184, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 192) }
```

Border

The CSS property to change the border of an element to XYZ 46.4221, 48.2771, 56.7409 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(184, 184, 192) }
```


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

```
.border{ border-color:rgb(184, 184, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 184, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 192);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4221, 48.2771, 56.7409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 192) }
```

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

```
.background{ background-color: rgb(184,  
184, 192) }
```

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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