

Converting Colors

XYZ(42.2055, 46.6551, 48.6808)

Have a look what the booklet for
XYZ(42.2055, 46.6551, 48.6808)
contains.

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Color

**XYZ(42.1794, 46.5702,
48.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB9B2
RGB	171, 185, 178
RGB Percent	67%, 73%, 70%
CMY	0.3294, 0.2745, 0.3020
CMYK	0.08, 0.00, 0.04, 0.27
HSL	150°, 9%, 70%
HSV	150°, 8%, 73%
XYZ	42.1794, 46.5702, 48.8853
YIQ	180.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

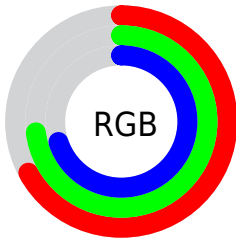
Format	Color
RYB	171, 180, 185
Decimal	11254194
CIELab	73.91, -6.18, 1.88
CIELCh	74, 6.460, 163.089
Yxy	46.5702, 0.3065, 0.3384
Android (android.graphics.Color)	4289444274 (0xFFABB9B2)
YUV	180.0160, -0.9939, -7.9070
Hunter-Lab	68.2424, -9.0964, 5.2974

Details

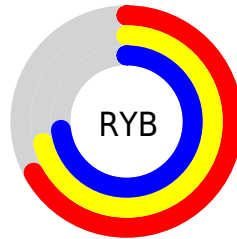
The XYZ color **42.1794, 46.5702, 48.8853** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.6080, 42.6556, 48.1093**, and the grayscale version is **43.3996, 45.6597, 49.7235**.

A 20% lighter version of the original color is **77.6706, 85.0199, 90.1587**, and **19.5607, 21.9051, 22.5992** is the 20% darker color. If you saturate the color by 10%, you get **37.5306, 44.2787, 43.9813**, and if you desaturate by 10%, it is **47.4576, 49.1815, 54.1478**.

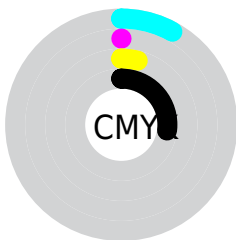
Distribution



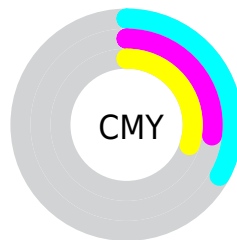
- Red (67%)
- Green (73%)
- Blue (70%)



- Red (67%)
- Yellow (71%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1794, 46.5702, 48.8853 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 42.1794, 46.5702, 48.8853 by changing the saturation by 10% instead.

■ 42.1794, 46.5702,
48.8853

■ 42.1794, 46.5702,
48.8853

346.2051,
373.0963, 398.9001

■ 29.4335, 32.6960,
34.1635

■ 77.7345, 85.0717,
89.9003

■ 19.5549, 21.8937,
22.7409

101.2745,
110.4678, 117.0306

■ 12.1783, 13.7788,
14.1988

129.1432,
140.4734, 149.1342

■ 6.9383, 7.9670,
8.1187

161.7060,
175.4727, 186.6296

■ 3.4695, 4.0738,
4.0822

199.3282,
215.8503, 229.9353

■ 1.4067, 1.7149,
1.6705

242.3752,

■ 0.2610, 0.4333,

261.9905, 279.4700

0.3404

291.2124,
314.2777, 335.6520

■ 0.0000, 0.0000,
0.0000

■ 42.1794, 46.5702,
48.8853

■ 42.1794, 46.5702,
48.8853

■ 37.5306, 44.2787,
43.9813

■ 47.4576, 49.1815,
54.1478

■ 33.4827, 42.2886,
39.4253

■ 53.3843, 52.1185,
59.7730

■ 30.0108, 40.5884,
35.2103

■ 59.9828, 55.3943,
65.7690

■ 27.0867, 39.1639,
31.3283

■ 67.2741, 59.0195,
72.1427

■ 24.6799, 37.9994,
27.7707

■ 72.0800, 61.3558,
78.7512

■ 22.7565, 37.0776,
24.5288

■ 73.3714, 61.8723,
85.5518

■ 21.2783, 36.3790,
21.5930

■ 74.7322, 62.4167,
92.7178

■ 20.2010, 35.8810,
18.9535

■ 76.1634, 62.9892,
100.2545

■ 19.4596, 35.5501,
16.5990

■ 76.6399, 63.1797,
102.7633

Harmonies

Analogous

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



42.7686, 46.5702, 46.2170



42.1794, 46.5702, 48.8853



42.1424, 46.5702, 52.1562

Triad

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



42.1794, 46.5702, 48.8853



44.7668, 46.5702, 57.1356



45.8998, 46.5702, 46.4986

Complementary

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



42.1794, 46.5702, 48.8853



42.6080, 42.6556, 48.1093

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.



46.4548, 46.5702, 49.2849



42.1794, 46.5702, 48.8853



45.7930, 46.5702, 55.4789

Square

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



42.1794, 46.5702, 48.8853



43.6228, 46.5702, 57.0172



46.4153, 46.5702, 52.5735



44.9106, 46.5702, 44.8805

Rectangle

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



42.1794, 46.5702, 48.8853



42.4348, 46.5702, 54.2472



46.4153, 46.5702, 52.5735



46.1441, 46.5702, 47.3243

Sweetspot

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



42.1807, 46.5722, 48.8863



80.6321, 85.9220, 92.6875



43.1150, 47.1330, 45.3538



17.4044, 18.5338, 20.0032



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.1807, 46.5722, 48.8863



74.1537, 82.7209, 86.1222



42.8775, 46.8509, 52.5555



9.0725, 10.1330, 10.5394



13.1796, 24.1728, 11.1337



0.4959, 0.8646, 0.5570

Inverse Universe

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



42.6080, 42.6556, 48.1093



75.0689, 74.3339, 84.4584



41.9448, 42.3903, 44.6168



9.1869, 9.0851, 10.3315



14.9910, 7.5702, 7.8396



0.5597, 0.2794, 0.4409

Previews

White Background



This preview shows how the XYZ color 42.1794, 46.5702, 48.8853 looks on a white background.

Color Contrast Check

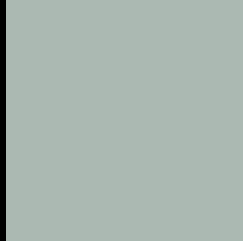
Large Text (above 18pt) WCAG AA × Fail

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 42.1794, 46.5702, 48.8853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

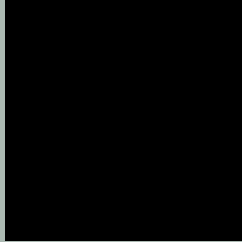
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

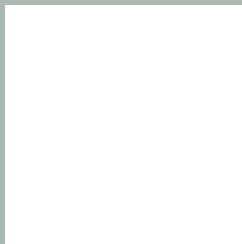
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1794, 46.5702, 48.8853

Background



This preview shows how black text looks on a background with the XYZ color 42.1794, 46.5702, 48.8853.



This preview shows how white text looks on a background with the XYZ color 42.1794, 46.5702,

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

42.1794, 46.5702, 48.8853

Protanopia

44.6100, 46.6214, 47.7219

Deuteranopia

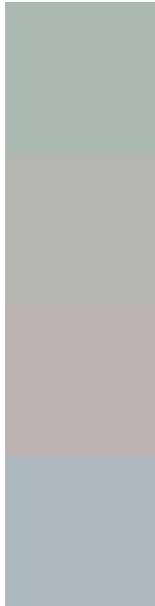
47.3167, 46.4881, 49.6593



Tritanopia

44.2616, 46.4858, 59.4631

Trichromacy



Original Color

42.1794, 46.5702, 48.8853

Protanomaly

43.7198, 46.4540, 48.2572

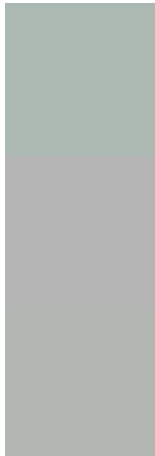
Deuteranomaly

45.2430, 46.3137, 49.2027

Tritanomaly

43.4613, 46.4689, 55.3939

Monochromacy



Original Color

42.1794, 46.5702, 48.8853

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9961, 46.0577, 49.2717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1794, 46.5702, 48.8853 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(171, 185, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 185, 178)  
}
```

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(171, 185, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 185, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.1794, 46.5702, 48.8853 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(171, 185, 178) }
```


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

```
.border{ border-color:rgb(171, 185, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 185, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 185, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 185, 178);  
box-shadow:4px 4px 4px 4px rgb(171, 185,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1794, 46.5702, 48.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 185, 178) }
```

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

```
.background{ background-color: rgb(171,  
185, 178) }
```

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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