

Converting Colors

XYZ(42.0435, 44.1155, 46.8466)

Have a look what the booklet for
XYZ(42.0435, 44.1155, 46.8466)
contains.

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Color

**XYZ(42.0504, 44.1231,
46.8578)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B1AF
RGB	179, 177, 175
RGB Percent	70%, 69%, 69%
CMY	0.2980, 0.3059, 0.3137
CMYK	0.00, 0.01, 0.02, 0.30
HSL	30°, 3%, 69%
HSV	30°, 2%, 70%
XYZ	42.0504, 44.1231, 46.8578
YIQ	177.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

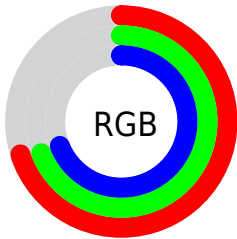
Format	Color
RYB	179, 179, 175
Decimal	11776431
CIELab	72.31, 0.34, 1.26
CIELCh	72, 1.307, 74.892
Yxy	44.1231, 0.3161, 0.3317
Android (android.graphics.Color)	4289966511 (0xFFB3B1AF)
YUV	177.3700, -1.1684, 1.4295
Hunter-Lab	66.4252, -3.2449, 4.6732

Details

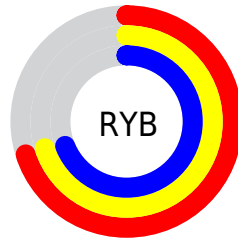
The XYZ color **42.0504, 44.1231, 46.8578** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5381, 43.8124, 48.9158**, and the grayscale version is **41.9908, 44.1776, 48.1094**.

A 20% lighter version of the original color is **77.6828, 81.6532, 86.5292**, and **19.3870, 20.2810, 21.6317** is the 20% darker color. If you saturate the color by 10%, you get **38.7003, 40.0519, 37.6347**, and if you desaturate by 10%, it is **45.7517, 48.5225, 57.3489**.

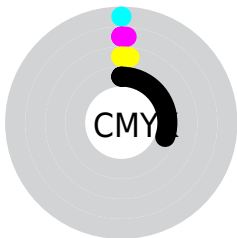
Distribution



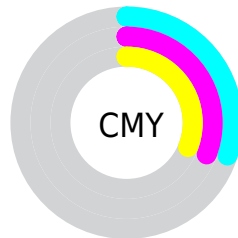
- Red (70%)
- Green (69%)
- Blue (69%)



- Red (70%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0504, 44.1231, 46.8578 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 42.0504, 44.1231, 46.8578 by changing the saturation by 10% instead.

■ 42.0504, 44.1231,
46.8578

■ 42.0504, 44.1231,
46.8578

345.6799,
363.2104, 390.6240

■ 29.3320, 30.7673,
32.5697

■ 77.5406, 81.4029,
86.8491

■ 19.4777, 20.4217,
21.5286

101.0431,
106.0958, 113.3894

■ 12.1220, 12.7020,
13.3159

128.8711,
135.3364, 144.8508

■ 6.8996, 7.2236,
7.5132

161.3898,
169.5092, 181.6519

■ 3.4452, 3.6024,
3.7018

198.9647,
208.9987, 224.2112

■ 1.3933, 1.4537,
1.4632

241.9612,

■ 0.2515, 0.2558,

254.1891, 272.9473

0.1903

290.7444,
305.4648, 328.2787

■ 0.0000, 0.0000,
0.0000

■ 42.0504, 44.1231,
46.8578

■ 42.0504, 44.1231,
46.8578

■ 38.7003, 40.0519,
37.6347

■ 45.7517, 48.5225,
57.3489

■ 35.6863, 36.2953,
29.6280

■ 49.8113, 53.2522,
69.1511

■ 32.9978, 32.8467,
22.7870

■ 54.2405, 58.3215,
82.3089

■ 30.6221, 29.6972,
17.0559

■ 59.0492, 63.7375,
96.8642

■ 28.5453, 26.8377,
12.3747

■ 62.6788, 68.8800,
104.5994

■ 26.7528, 24.2581,
8.6774

■ 65.1112, 73.7448,
105.4102

■ 25.2280, 21.9477,
5.8905

■ 67.6712, 78.8649,
106.2635

■ 23.9526, 19.8949,
3.9300

■ 70.3607, 84.2440,
107.1601

■ 22.9049, 18.0865,
2.6958

■ 72.4007, 88.3238,
107.8400

Harmonies

Analogous

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



42.2445, 44.1231, 47.1745



42.0504, 44.1231, 46.8578



41.8267, 44.1231, 46.8566

Triad

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



42.0504, 44.1231, 46.8578



41.5215, 44.1231, 48.3613



42.2434, 44.1231, 48.9245

Complementary

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



42.0504, 44.1231, 46.8578



41.5381, 43.8124, 48.9158

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.



42.0488, 44.1231, 49.2483



42.0504, 44.1231, 46.8578



41.6323, 44.1231, 48.9212

Square

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



42.0504, 44.1231, 46.8578



41.5219, 44.1231, 47.7208



41.8252, 44.1231, 49.2471



42.3562, 44.1231, 48.3658

Rectangle

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



42.0504, 44.1231, 46.8578



41.6910, 44.1231, 47.0347



41.8252, 44.1231, 49.2471



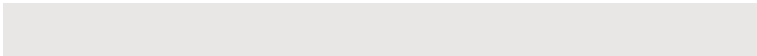
42.1853, 44.1231, 49.0647

Sweetspot

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



42.0516, 44.1250, 46.8588



76.0855, 79.9533, 86.0863



41.8568, 43.4187, 47.7702



16.8643, 17.7228, 19.0937



86.6293, 91.1408, 99.2523



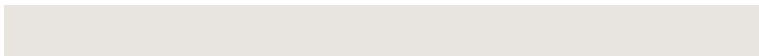
17.0014, 17.8868, 19.4787

Same Dimension

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



42.0516, 44.1250, 46.8588



74.7994, 78.4087, 82.4895



42.4490, 44.9197, 46.9912



9.2569, 9.6953, 10.1202



15.7640, 12.0265, 1.4905



0.5543, 0.4951, 0.0663

Inverse Universe

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



41.5381, 43.8124, 48.9158



73.5503, 77.6484, 87.4923



41.1465, 43.0293, 48.7852



9.0678, 9.5802, 10.8776



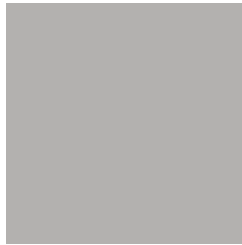
8.3607, 7.5218, 31.1482



0.3214, 0.3534, 0.9995

Previews

White Background



This preview shows how the XYZ color 42.0504, 44.1231, 46.8578 looks on a white background.

Color Contrast Check

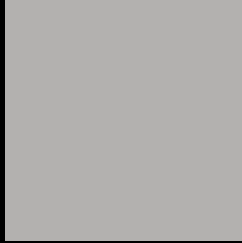
Large Text (above 18pt) WCAG AA × Fail

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 42.0504, 44.1231, 46.8578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

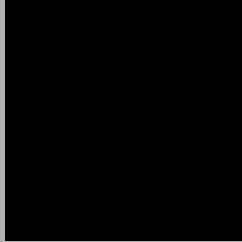
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

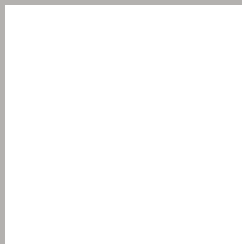
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0504, 44.1231, 46.8578

Background



This preview shows how black text looks on a background with the XYZ color 42.0504, 44.1231, 46.8578.



This preview shows how white text looks on a background with the XYZ color 42.0504, 44.1231,

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

42.0504, 44.1231, 46.8578

Protanopia

42.3193, 43.9696, 46.8140

Deuteranopia

45.0947, 44.2417, 47.2371



Tritanopia

43.5713, 44.1578, 54.3710

Trichromacy



Original Color

42.0504, 44.1231, 46.8578

Protanomaly

42.0856, 43.8491, 46.8030

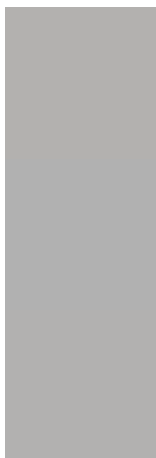
Deuteranomaly

43.9588, 44.2255, 47.2938

Tritanomaly

42.9995, 44.2147, 51.6154

Monochromacy



Original Color

42.0504, 44.1231, 46.8578

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9187, 44.0438, 47.3663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0504, 44.1231, 46.8578 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(179, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(179, 177, 175)  
}
```

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(179, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 177, 175) }
```

Border

The CSS property to change the border of an element to XYZ 42.0504, 44.1231, 46.8578 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(179, 177, 175) }
```


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

```
.border{ border-color:rgb(179, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(179, 177,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0504, 44.1231, 46.8578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 177, 175) }
```

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

```
.background{ background-color: rgb(179,  
177, 175) }
```

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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