

Converting Colors

XYZ(42.0283, 45.7064, 47.8880)

Have a look what the booklet for
XYZ(42.0283, 45.7064, 47.8880)
contains.

XYZ(42.0200, 45.5892, 47.6592)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.0200, 45.5892,
47.6592)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB6B0
RGB	174, 182, 176
RGB Percent	68%, 71%, 69%
CMY	0.3176, 0.2863, 0.3098
CMYK	0.04, 0.00, 0.03, 0.29
HSL	135°, 5%, 70%
HSV	135°, 4%, 71%
XYZ	42.0200, 45.5892, 47.6592
YIQ	178.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

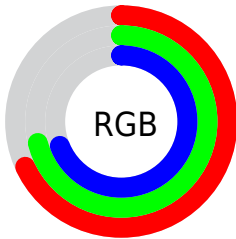
Format	Color
RYB	174, 180, 182
Decimal	11450032
CIELab	73.28, -3.92, 2.07
CIELCh	73, 4.436, 152.124
Yxy	45.5892, 0.3106, 0.3370
Android (android.graphics.Color)	4289640112 (0xFFAEB6B0)
YUV	178.9240, -1.4415, -4.3183
Hunter-Lab	67.5198, -7.0726, 5.4137

Details

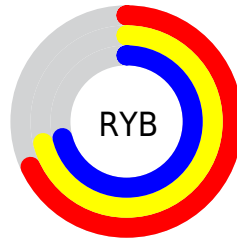
The XYZ color **42.0200, 45.5892, 47.6592** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.6674, 43.5136, 49.3325**, and the grayscale version is **42.8169, 45.0467, 49.0559**.

A 20% lighter version of the original color is **77.4531, 83.6333, 88.4046**, and **19.5144, 21.2933, 22.1503** is the 20% darker color. If you saturate the color by 10%, you get **36.9533, 43.1268, 40.7222**, and if you desaturate by 10%, it is **47.7746, 48.3931, 55.3395**.

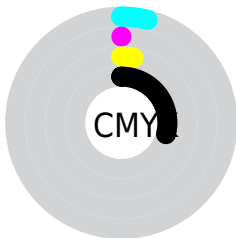
Distribution



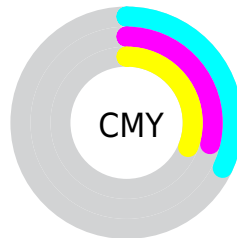
- Red (68%)
- Green (71%)
- Blue (69%)



- Red (68%)
- Yellow (71%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0200, 45.5892, 47.6592 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 42.0200, 45.5892, 47.6592 by changing the saturation by 10% instead.

■ 42.0200, 45.5892,
47.6592

■ 42.0200, 45.5892,
47.6592

345.5561,
369.1546, 393.9094

■ 29.3081, 31.9218,
33.1990

■ 77.4949, 83.6039,
88.0570

■ 19.4595, 21.3018,
22.0066

100.9886,
108.7199, 114.8317

■ 12.1087, 13.3448,
13.6634

128.8069,
138.4209, 146.5484

■ 6.8905, 7.6664,
7.7508

161.3153,
173.0913, 183.6255

■ 3.4394, 3.8822,
3.8505

198.8791,
213.1155, 226.4816

■ 1.3902, 1.6079,
1.5437

241.8635,

■ 0.2492, 0.3629,

258.8778, 275.5353

0.2501

290.6341,
310.7627, 331.2050

■ 0.0000, 0.0000,
0.0000

■ 42.0200, 45.5892,
47.6592

■ 42.0200, 45.5892,
47.6592

■ 36.9533, 43.1268,
40.7222

■ 47.7746, 48.3931,
55.3395

■ 32.5448, 40.9872,
34.5034

■ 54.2377, 51.5448,
63.7812

■ 28.7680, 39.1586,
28.9807

■ 61.4340, 55.0579,
73.0056

■ 25.5934, 37.6261,
24.1297

■ 69.3858, 58.9435,
83.0321

■ 22.9891, 36.3739,
19.9247

■ 74.3376, 61.2652,
93.7029

■ 20.9199, 35.3844,
16.3382

■ 76.0188, 61.9377,
102.5563

■ 19.3469, 34.6382,
13.3408

■ 18.2254, 34.1129,
10.9005

■ 17.5022, 33.7818,
8.9825

Harmonies

Analogous

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



42.5392, 45.5892, 46.0923



42.0200, 45.5892, 47.6592



41.8509, 45.5892, 49.7981

Triad

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



42.0200, 45.5892, 47.6592



43.3867, 45.5892, 54.0522



44.6127, 45.5892, 47.3916

Complementary

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



42.0200, 45.5892, 47.6592



42.6674, 43.5136, 49.3325

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.



44.8460, 45.5892, 49.4800



42.0200, 45.5892, 47.6592



44.1329, 45.5892, 53.3629

Square

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



42.0200, 45.5892, 47.6592



42.6343, 45.5892, 53.5300



44.6693, 45.5892, 51.6727



44.0356, 45.5892, 45.9411

Rectangle

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



42.0200, 45.5892, 47.6592



41.9578, 45.5892, 51.2727



44.6693, 45.5892, 51.6727



44.7342, 45.5892, 48.0401

Sweetspot

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



42.0213, 45.5912, 47.6602



79.5646, 84.2994, 90.9566



43.2232, 46.2335, 46.6909



17.5853, 18.6249, 20.1055



88.6918, 93.3107, 101.6153



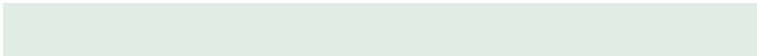
17.8044, 18.7317, 20.3988

Same Dimension

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



42.0213, 45.5912, 47.6602



75.5094, 82.3255, 85.4958



42.4097, 45.7465, 49.7055



9.4223, 10.3111, 10.6543



12.1772, 23.7718, 5.8552



0.4548, 0.8482, 0.3411

Inverse Universe

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



42.6674, 43.5136, 49.3325



76.8576, 77.9903, 88.9854



42.2786, 43.3581, 47.2852



9.6084, 9.7127, 11.1360



16.8152, 8.2998, 17.4456



0.6160, 0.3019, 0.7372

Previews

White Background



This preview shows how the XYZ color 42.0200, 45.5892, 47.6592 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 42.0200, 45.5892, 47.6592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

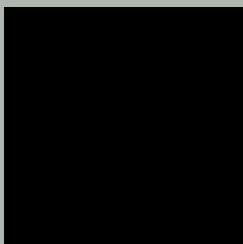
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

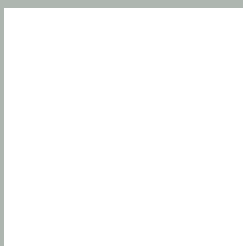
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0200, 45.5892, 47.6592

Background



This preview shows how black text looks on a background with the XYZ color 42.0200, 45.5892, 47.6592.



This preview shows how white text looks on a background with the XYZ color 42.0200, 45.5892,

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

42.0200, 45.5892, 47.6592

Protanopia

43.5272, 45.4865, 46.5300

Deuteranopia

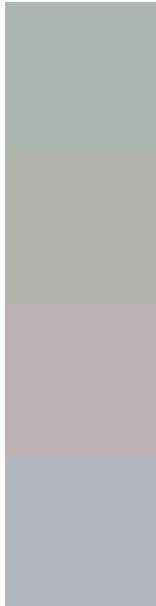
46.4606, 45.4922, 48.4516



Tritanopia

43.9892, 45.4824, 57.4994

Trichromacy



Original Color

42.0200, 45.5892, 47.6592

Protanomaly

42.8815, 45.4410, 47.0683

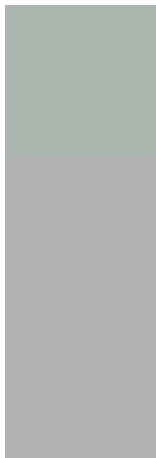
Deuteranomaly

44.6442, 45.4374, 48.0123

Tritanomaly

43.1954, 45.4605, 53.5118

Monochromacy



Original Color

42.0200, 45.5892, 47.6592

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4886, 45.2040, 48.6053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0200, 45.5892, 47.6592 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(174, 182, 176)` looks like.

```
.text, #text, p{  
    color:rgb(174, 182, 176)  
}
```

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(174, 182, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 182, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.0200, 45.5892, 47.6592 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(174, 182, 176) }
```


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

```
.border{ border-color:rgb(174, 182, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 182, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 182, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 182, 176);  
box-shadow:4px 4px 4px 4px rgb(174, 182,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0200, 45.5892, 47.6592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 182, 176) }
```

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

```
.background{ background-color: rgb(174,  
182, 176) }
```

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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