

Converting Colors

XYZ(42.3272, 45.1644, 47.5986)

Have a look what the booklet for
XYZ(42.3272, 45.1644, 47.5986)
contains.

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Color

**XYZ(42.2892, 45.1242,
47.5553)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B4B0
RGB	177, 180, 176
RGB Percent	69%, 71%, 69%
CMY	0.3059, 0.2941, 0.3098
CMYK	0.02, 0.00, 0.02, 0.29
HSL	105°, 3%, 70%
HSV	105°, 2%, 71%
XYZ	42.2892, 45.1242, 47.5553
YIQ	178.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

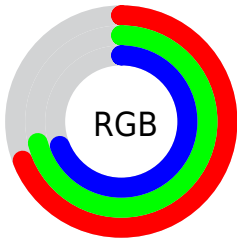
Format	Color
RYB	176, 180, 179
Decimal	11646128
CIELab	72.97, -1.80, 1.66
CIElCh	73, 2.446, 137.275
Yxy	45.1242, 0.3133, 0.3343
Android (android.graphics.Color)	4289836208 (0xFFB1B4B0)
YUV	178.6470, -1.3050, -1.4444
Hunter-Lab	67.1745, -5.1822, 5.0486

Details

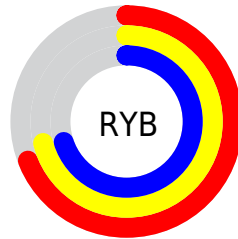
The XYZ color **42.2892, 45.1242, 47.5553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3557, 43.9309, 49.4294**, and the grayscale version is **42.6679, 44.8899, 48.8851**.

A 20% lighter version of the original color is **78.1652, 83.1407, 88.2720**, and **19.5396, 20.9191, 22.0767** is the 20% darker color. If you saturate the color by 10%, you get **37.7000, 42.9520, 38.6517**, and if you desaturate by 10%, it is **47.4216, 47.5517, 57.7190**.

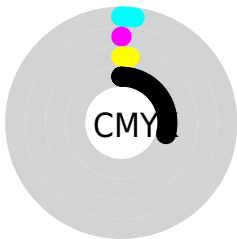
Distribution



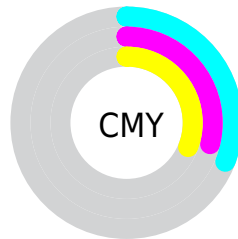
- Red (69%)
- Green (71%)
- Blue (69%)



- Red (69%)
- Yellow (71%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2892, 45.1242, 47.5553 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 42.2892, 45.1242, 47.5553 by changing the saturation by 10% instead.

■ 42.2892, 45.1242,
47.5553

■ 42.2892, 45.1242,
47.5553

346.6516,
367.2763, 393.4845

■ 29.5199, 31.5553,
33.1174

■ 77.8996, 82.9068,
87.9006

■ 19.6207, 21.0220,
21.9445

101.4713,
107.8892, 114.6450

■ 12.2263, 13.1401,
13.6182

129.3746,
137.4449, 146.3286

■ 6.9713, 7.5251,
7.7199

161.9748,
171.9582, 183.3701

■ 3.4903, 3.7926,
3.8311

199.6373,
211.8137, 226.1878

■ 1.4180, 1.5582,
1.5331

242.7273,

■ 0.2690, 0.3292,

257.3956, 275.2005

0.2424

291.6103,
309.0883, 330.8265

0.0000, 0.0000,
0.0000

42.2892, 45.1242,
47.5553

42.2892, 45.1242,
47.5553

37.7000, 42.9520,
38.6517

47.4216, 47.5517,
57.7190

33.6321, 41.0210,
30.9564

53.1106, 50.2366,
69.1862

30.0678, 39.3246,
24.4181

59.3738, 53.1882,
82.0019

26.9869, 37.8535,
18.9807

66.2269, 56.4138,
96.2079

24.3676, 36.5978,
14.5837

71.8621, 59.1910,
102.2452

■ 22.1867, 35.5470,
11.1606

■ 75.6121, 61.1242,
102.4207

■ 20.4186, 34.6895,
8.6370

■ 19.0347, 34.0125,
6.9282

■ 18.0024, 33.5013,
5.9330

Harmonies

Analogous

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



42.6460, 45.1242, 46.9225



42.2892, 45.1242, 47.5553



42.0937, 45.1242, 48.6168

Triad

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



42.2892, 45.1242, 47.5553



42.7087, 45.1242, 51.4608



43.6775, 45.1242, 48.4380

Complementary

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



42.2892, 45.1242, 47.5553



42.3557, 43.9309, 49.4294

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.



43.6946, 45.1242, 49.6520



42.2892, 45.1242, 47.5553



43.1333, 45.1242, 51.4110

Square

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



42.2892, 45.1242, 47.5553



42.3349, 45.1242, 50.8793



43.4948, 45.1242, 50.7444



43.4484, 45.1242, 47.4263

Rectangle

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



42.2892, 45.1242, 47.5553



42.0804, 45.1242, 49.4308



43.4948, 45.1242, 50.7444



43.7083, 45.1242, 48.8356

Sweetspot

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



42.2905, 45.1261, 47.5563



77.7476, 82.3252, 88.3259



42.7808, 45.0801, 47.5215



16.8145, 17.7984, 19.1110



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.



42.2905, 45.1261, 47.5563



75.9521, 81.4757, 84.8037



42.1630, 45.0489, 48.0692



9.1507, 9.8589, 10.1573



12.1985, 23.1987, 3.8349



0.4381, 0.7579, 0.1232

Inverse Universe

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



42.3557, 43.9309, 49.4294



76.1134, 78.5182, 89.4385



42.4860, 44.0098, 48.9052



9.1745, 9.4223, 10.8415



12.7916, 5.9301, 30.6074



0.4520, 0.2121, 0.9654

Previews

White Background



This preview shows how the XYZ color 42.2892, 45.1242, 47.5553 looks on a white background.

Color Contrast Check

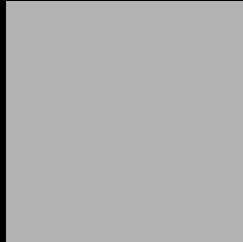
Large Text (above 18pt) WCAG AA × Fail

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 42.2892, 45.1242, 47.5553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

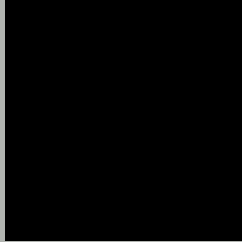
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2892, 45.1242, 47.5553

Background



This preview shows how black text looks on a background with the XYZ color 42.2892, 45.1242, 47.5553.



This preview shows how white text looks on a background with the XYZ color 42.2892, 45.1242,

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

42.2892, 45.1242, 47.5553

Protanopia

43.1867, 45.0032, 46.9677

Deuteranopia

45.9053, 44.9318, 47.8482



Tritanopia

44.0252, 45.2303, 56.2791

Trichromacy



Original Color

42.2892, 45.1242, 47.5553

Protanomaly

42.9140, 45.1591, 47.0122

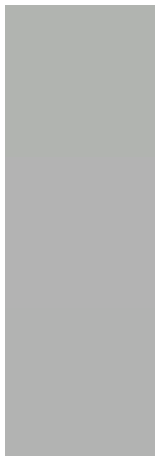
Deuteranomaly

44.6964, 45.1721, 47.9583

Tritanomaly

43.3431, 45.2503, 52.9041

Monochromacy



Original Color

42.2892, 45.1242, 47.5553

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.5161, 44.9195, 48.5490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2892, 45.1242, 47.5553 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(177, 180, 176)` looks like.

```
.text, #text, p{  
    color:rgb(177, 180, 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(177, 180, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 180, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.2892, 45.1242, 47.5553 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(177, 180, 176) }
```


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

```
.border{ border-color:rgb(177, 180, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 180, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 180, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 180, 176); box-shadow:4px 4px 4px 4px rgb(177, 180, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2892, 45.1242, 47.5553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 180, 176) }
```

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

```
.background{ background-color: rgb(177,  
180, 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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