

Converting Colors

XYZ(42.3827, 45.1187, 46.3280)

Have a look what the booklet for
XYZ(42.3827, 45.1187, 46.3280)
contains.

XYZ(42.5516, 45.2822, 46.5420) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(42.5516, 45.2822,
46.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B4AE
RGB	179, 180, 174
RGB Percent	70%, 71%, 68%
CMY	0.2980, 0.2941, 0.3176
CMYK	0.01, 0.00, 0.03, 0.29
HSL	70°, 4%, 69%
HSV	70°, 3%, 71%
XYZ	42.5516, 45.2822, 46.5420
YIQ	179.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

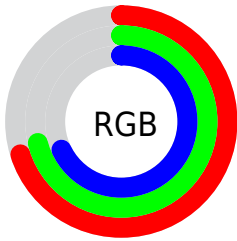
Format	Color
RYB	174, 180, 175
Decimal	11777198
CIELab	73.08, -1.46, 2.92
CIELCh	73, 3.266, 116.472
Yxy	45.2822, 0.3167, 0.3370
Android (android.graphics.Color)	4289967278 (0xFFB3B4AE)
YUV	179.0170, -2.4734, -0.0149
Hunter-Lab	67.2921, -4.8880, 6.0970

Details

The XYZ color **42.5516, 45.2822, 46.5420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.0552, 42.6826, 49.2571**, and the grayscale version is **42.8701, 45.1027, 49.1168**.

A 20% lighter version of the original color is **78.3993, 83.3102, 86.0771**, and **19.7064, 21.0195, 21.4309** is the 20% darker color. If you saturate the color by 10%, you get **40.2256, 44.2738, 37.8784**, and if you desaturate by 10%, it is **45.1305, 46.3964, 56.4469**.

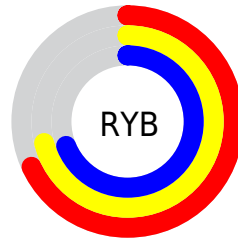
Distribution



Red (70%)

Green (71%)

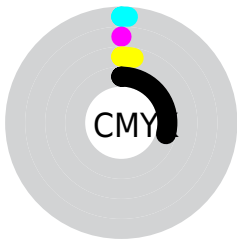
Blue (68%)



Red (68%)

Yellow (71%)

Blue (69%)

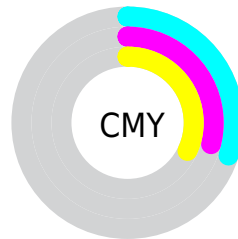


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (29%)



Cyan (30%)

Magenta (29%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5516, 45.2822, 46.5420 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 42.5516, 45.2822, 46.5420 by changing the saturation by 10% instead.

■ 42.5516, 45.2822,
46.5420

■ 42.5516, 45.2822,
46.5420

347.7173,
367.9153, 389.3241

■ 29.7264, 31.6798,
32.3220

■ 78.2937, 83.1437,
86.3724

■ 19.7781, 21.1170,
21.3407

101.9414,
108.1716, 112.8198

■ 12.3412, 13.2096,
13.1796

129.9273,
137.7767, 144.1802

■ 7.0503, 7.5730,
7.4202

162.6167,
172.3435, 180.8719

■ 3.5402, 3.8230,
3.6438

200.3751,
212.2564, 223.3137

■ 1.4455, 1.5750,
1.4321

243.5677,

■ 0.2883, 0.3407,

257.8997, 271.9239

0.1665

292.5600,
309.6579, 327.1212

■ 0.0000, 0.0000,
0.0000

■ 42.5516, 45.2822,
46.5420

■ 42.5516, 45.2822,
46.5420

■ 40.2256, 44.2738,
37.8784

■ 45.1305, 46.3964,
56.4469

■ 38.1394, 43.3616,
30.4044

■ 47.9675, 47.6142,
67.6365

■ 36.2842, 42.5435,
24.0686

■ 51.0721, 48.9408,
80.1554

■ 34.6493, 41.8152,
18.8152

■ 54.4524, 50.3795,
94.0455

■ 33.2230, 41.1722,
14.5833

■ 56.6322, 51.3398,
101.5325

■ 31.9926, 40.6091,
11.3062

■ 57.4126, 51.7421,
101.5690

■ 30.9438, 40.1204,
8.9092

■ 58.2088, 52.1525,
101.6063

■ 30.0603, 39.6995,
7.3066

■ 59.0208, 52.5711,
101.6443

■ 29.3222, 39.3384,
6.3954

■ 59.8487, 52.9980,
101.6830

Harmonies

Analogous

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



43.1070, 45.2822, 46.2310



42.5516, 45.2822, 46.5420



42.1302, 45.2822, 47.5874

Triad

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



42.5516, 45.2822, 46.5420



42.4355, 45.2822, 51.9737



44.1450, 45.2822, 49.4984

Complementary

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



42.5516, 45.2822, 46.5420



41.0552, 42.6826, 49.2571

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.



43.9615, 45.2822, 51.0626



42.5516, 45.2822, 46.5420



42.9718, 45.2822, 52.5115

Square

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



42.5516, 45.2822, 46.5420



42.0636, 45.2822, 50.7202



43.5309, 45.2822, 52.1744



44.0301, 45.2822, 47.9156

Rectangle

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



42.5516, 45.2822, 46.5420



41.9803, 45.2822, 48.5724



43.5309, 45.2822, 52.1744



44.1162, 45.2822, 50.0441

Sweetspot

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



42.5529, 45.2842, 46.5430



78.1955, 82.5561, 88.3468



41.7938, 43.4205, 46.2233



16.9062, 17.8456, 19.1153



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.



42.5529, 45.2842, 46.5430



76.8285, 81.9648, 83.1602



41.8673, 44.9307, 46.5109



9.2969, 9.9383, 9.9784



20.2068, 27.3271, 4.2096



0.6727, 0.8789, 0.1342

Inverse Universe

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



41.0552, 42.6826, 49.2571



73.5320, 76.2383, 89.1345



41.7358, 43.0334, 49.2889



8.8404, 9.1454, 10.8056



6.1650, 2.5140, 30.2973



0.2343, 0.0999, 0.9552

Previews

White Background



This preview shows how the XYZ color 42.5516, 45.2822, 46.5420 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 42.5516, 45.2822, 46.5420 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 42.5516, 45.2822, 46.5420

Background



This preview shows how black text looks on a background with the XYZ color 42.5516, 45.2822, 46.5420.



This preview shows how white text looks on a background with the XYZ color 42.5516, 45.2822,

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

42.5516, 45.2822, 46.5420

Protanopia

43.4301, 45.4477, 46.0184

Deuteranopia

45.9701, 44.9881, 46.8181



Tritanopia

44.4175, 45.1510, 55.6642

Trichromacy



Original Color

42.5516, 45.2822, 46.5420

Protanomaly

42.9543, 45.2024, 45.9962

Deuteranomaly

44.7491, 45.2222, 46.9277

Tritanomaly

43.7334, 45.1673, 52.3121

Monochromacy



Original Color

42.5516, 45.2822, 46.5420

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.6463, 44.9982, 48.0328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5516, 45.2822, 46.5420 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, 180, 174)` looks like.

```
.text, #text, p{  
    color:rgb(179, 180, 174)  
}
```

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, 180, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 180, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.5516, 45.2822, 46.5420 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, 180, 174) }
```


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

```
.border{ border-color:rgb(179, 180, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 180, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 180, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 180, 174); box-shadow:4px 4px 4px 4px rgb(179, 180, 174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5516, 45.2822, 46.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 180, 174) }
```

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

```
.background{ background-color: rgb(179,  
180, 174) }
```

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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