

Converting Colors

XYZ(42.5880, 45.1644, 50.6475)

Have a look what the booklet for
XYZ(42.5880, 45.1644, 50.6475)
contains.

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Color

**XYZ(42.6693, 45.2500,
50.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B4B6
RGB	176, 180, 182
RGB Percent	69%, 71%, 71%
CMY	0.3098, 0.2941, 0.2863
CMYK	0.03, 0.01, 0.00, 0.29
HSL	200°, 4%, 70%
HSV	200°, 3%, 71%
XYZ	42.6693, 45.2500, 50.7412
YIQ	179.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

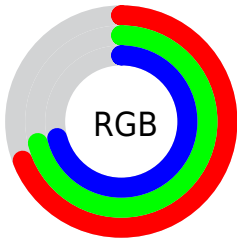
Format	Color
R_{YB}	176, 178, 182
Decimal	11580598
CIE Lab	73.06, -1.01, -1.51
CIE LCh	73, 1.821, 236.220
Yxy	45.2500, 0.3077, 0.3263
Android (android.graphics.Color)	4289770678 (0xFFB0B4B6)
YUV	179.0320, 1.4632, -2.6591
Hunter-Lab	67.2681, -4.4937, 2.3645

Details

The XYZ color **42.6693, 45.2500, 50.7412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0485, 44.9202, 47.4767**, and the grayscale version is **42.8595, 45.0915, 49.1047**.

A 20% lighter version of the original color is **78.7068, 83.3198, 92.8229**, and **19.8640, 21.0488, 23.7848** is the 20% darker color. If you saturate the color by 10%, you get **37.6307, 40.8775, 50.1635**, and if you desaturate by 10%, it is **48.3157, 50.0177, 51.3646**.

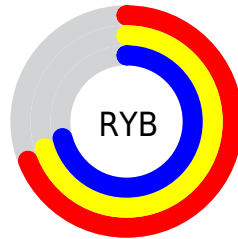
Distribution



Red (69%)

Green (71%)

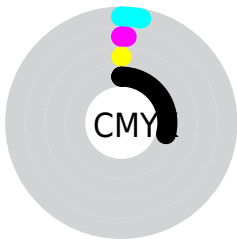
Blue (71%)



Red (69%)

Yellow (70%)

Blue (71%)

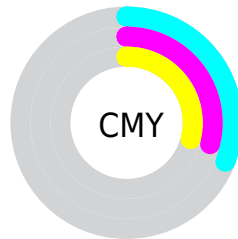


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6693, 45.2500, 50.7412 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 42.6693, 45.2500, 50.7412 by changing the saturation by 10% instead.

■ 42.6693, 45.2500,
50.7412

■ 42.6693, 45.2500,
50.7412

348.1946,
367.7851, 406.3753

■ 29.8191, 31.6544,
35.6274

■ 78.4704, 83.0954,
92.6797

■ 19.8487, 21.0977,
23.8591

102.1521,
108.1140, 120.3414

■ 12.3928, 13.1954,
15.0179

130.1749,
137.7091, 153.0229

■ 7.0858, 7.5632,
8.6852

162.9043,
172.2650, 191.1427

■ 3.5627, 3.8168,
4.4424

200.7056,
212.1662, 235.1193

■ 1.4578, 1.5716,
1.8711

243.9442,

■ 0.2969, 0.3383,

257.7970, 285.3712

0.4742

292.9854,
309.5419, 342.3170

■ 0.0000, 0.0000,
0.0000

■ 42.6693, 45.2500,
50.7412

■ 42.6693, 45.2500,
50.7412

■ 37.6307, 40.8775,
50.1635

■ 48.3157, 50.0177,
51.3646

■ 33.1736, 36.8819,
49.6272

■ 54.5873, 55.1868,
52.0317

■ 29.2753, 33.2517,
49.1319

■ 61.5055, 60.7706,
52.7449

■ 25.9101, 29.9727,
48.6764

■ 69.0896, 66.7800,
53.5051

■ 23.0504, 27.0295,
48.2590

■ 72.8036, 70.8774,
54.1002

■ 20.6655, 24.4052,
47.8782

■ 74.3307, 73.9315,
54.6092

■ 18.7215, 22.0813,
47.5321

■ 75.9150, 77.1002,
55.1373

■ 17.1793, 20.0364,
47.2187

■ 77.5572, 80.3846,
55.6848

■ 15.9922, 18.2454,
46.9355

■ 79.2579, 83.7859,
56.2516

Harmonies

Analogous

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



42.4619, 45.2500, 50.0482



42.6693, 45.2500, 50.7412



42.9684, 45.2500, 51.0397

Triad

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



42.6693, 45.2500, 50.7412



43.6225, 45.2500, 49.3852



42.7389, 45.2500, 47.7134

Complementary

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



42.6693, 45.2500, 50.7412



43.0485, 44.9202, 47.4767

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.



43.0491, 45.2500, 47.5408



42.6693, 45.2500, 50.7412



43.5603, 45.2500, 48.4990

Square

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



42.6693, 45.2500, 50.7412



43.5196, 45.2500, 50.2508



43.3500, 45.2500, 47.8266



42.5019, 45.2500, 48.3012

Rectangle

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



42.6693, 45.2500, 50.7412



43.1800, 45.2500, 50.9722



43.3500, 45.2500, 47.8266



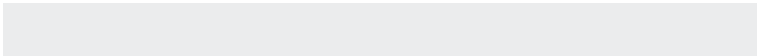
42.8380, 45.2500, 47.6052

Sweetspot

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



42.6706, 45.2519, 50.7422



79.5952, 83.9464, 92.2439



42.6591, 45.8971, 48.6783



17.5917, 18.5510, 20.3751



88.6918, 93.3107, 101.6153



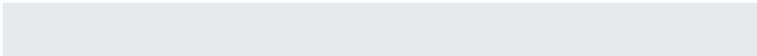
17.8044, 18.7317, 20.3988

Same Dimension

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



42.6706, 45.2519, 50.7422



76.6170, 81.4035, 91.9100



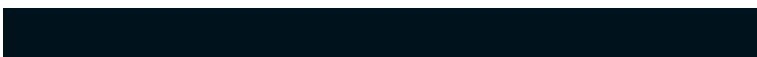
42.0907, 44.0922, 50.5489



9.5523, 10.1639, 11.5378



10.8899, 12.2394, 33.0416



0.4382, 0.5402, 1.1829

Inverse Universe

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



43.0560, 44.2920, 49.4621



77.4764, 79.2725, 89.0538



43.6322, 46.0875, 47.6713



9.6760, 9.8583, 11.1265



16.1104, 8.0179, 13.7340



0.5954, 0.2936, 0.6286

Previews

White Background



This preview shows how the XYZ color 42.6693, 45.2500, 50.7412 looks on a white background.

Color Contrast Check

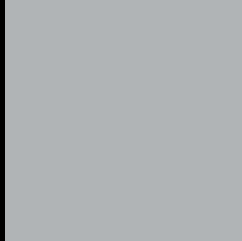
Large Text (above 18pt) WCAG AA × Fail

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 42.6693, 45.2500, 50.7412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

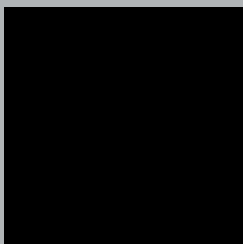
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

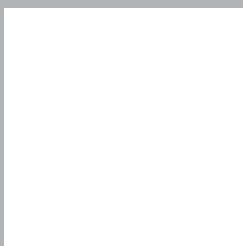
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6693, 45.2500, 50.7412

Background



This preview shows how black text looks on a background with the XYZ color 42.6693, 45.2500, 50.7412.

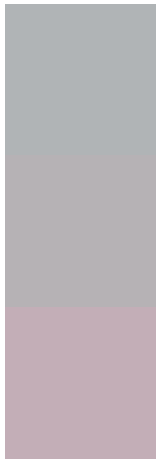


This preview shows how white text looks on a background with the XYZ color 42.6693, 45.2500,

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

42.6693, 45.2500, 50.7412

Protanopia

43.5523, 45.1221, 50.1300

Deuteranopia

46.1890, 45.2931, 51.1078



Tritanopia

43.7949, 45.1115, 56.2683

Trichromacy



Original Color

42.6693, 45.2500, 50.7412

Protanomaly

43.2830, 45.2797, 50.1747

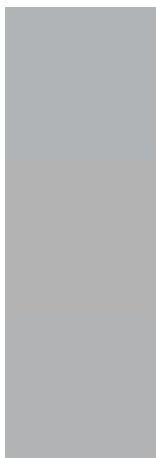
Deuteranomaly

44.8116, 45.1609, 51.1549

Tritanomaly

43.3287, 45.2182, 54.0213

Monochromacy



Original Color

42.6693, 45.2500, 50.7412

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.7184, 45.0005, 49.6145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6693, 45.2500, 50.7412 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(176, 180, 182)` looks like.

```
.text, #text, p{  
    color:rgb(176, 180, 182)  
}
```

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(176, 180, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 180, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.6693, 45.2500, 50.7412 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(176, 180, 182) }
```


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

```
.border{ border-color:rgb(176, 180, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 180, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 180, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 180, 182);  
box-shadow:4px 4px 4px 4px rgb(176, 180,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6693, 45.2500, 50.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 180, 182) }
```

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

```
.background{ background-color: rgb(176,  
180, 182) }
```

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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