

Converting Colors

XYZ(42.6424, 45.5016, 50.6970)

Have a look what the booklet for
XYZ(42.6424, 45.5016, 50.6970)
contains.

XYZ(42.6466, 45.5391, 50.7982)	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(42.6466, 45.5391,
50.7982)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB5B6
RGB	175, 181, 182
RGB Percent	69%, 71%, 71%
CMY	0.3137, 0.2902, 0.2863
CMYK	0.04, 0.01, 0.00, 0.29
HSL	189°, 5%, 70%
HSV	189°, 4%, 71%
XYZ	42.6466, 45.5391, 50.7982
YIQ	179.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

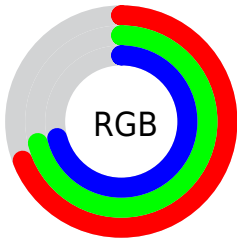
Format	Color
RYB	175, 178, 182
Decimal	11515318
CIELab	73.25, -1.90, -1.25
CIELCh	73, 2.269, 213.298
Yxy	45.5391, 0.3068, 0.3277
Android (android.graphics.Color)	4289705398 (0xFFAFB5B6)
YUV	179.3200, 1.3212, -3.7886
Hunter-Lab	67.4827, -5.2891, 2.6068

Details

The XYZ color **42.6466, 45.5391, 50.7982** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5548, 44.0906, 46.8257**, and the grayscale version is **43.0142, 45.2543, 49.2819**.

A 20% lighter version of the original color is **78.6718, 83.7303, 92.9040**, and **19.8500, 21.2343, 23.8213** is the 20% darker color. If you saturate the color by 10%, you get **38.3119, 42.5304, 50.4466**, and if you desaturate by 10%, it is **47.5443, 48.8552, 51.1808**.

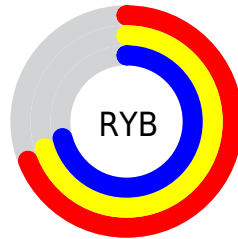
Distribution



Red (69%)

Green (71%)

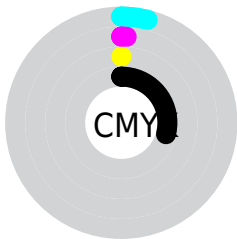
Blue (71%)



Red (69%)

Yellow (70%)

Blue (71%)

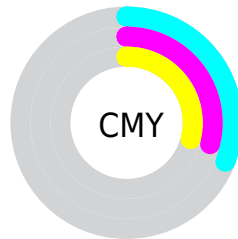


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6466, 45.5391, 50.7982 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 42.6466, 45.5391, 50.7982 by changing the saturation by 10% instead.

■ 42.6466, 45.5391,
50.7982

■ 42.6466, 45.5391,
50.7982

348.1026,
368.9526, 406.6034

■ 29.8012, 31.8823,
35.6724

■ 78.4363, 83.5288,
92.7649

■ 19.8351, 21.2716,
23.8936

102.1114,
108.6305, 120.4428

■ 12.3828, 13.3227,
15.0433

130.1272,
138.3158, 153.1419

■ 7.0790, 7.6511,
8.7028

162.8489,
172.9694, 191.2807

■ 3.5583, 3.8725,
4.4537

200.6419,
212.9754, 235.2777

■ 1.4554, 1.6025,
1.8774

243.8716,

■ 0.2952, 0.3593,

258.7183, 285.5514

0.4783

292.9034,
310.5826, 342.5205

■ 0.0000, 0.0000,
0.0000

■ 42.6466, 45.5391,
50.7982

■ 42.6466, 45.5391,
50.7982

■ 38.3119, 42.5304,
50.4466

■ 47.5443, 48.8552,
51.1808

■ 34.5145, 39.8118,
50.1220

■ 53.0217, 52.4835,
51.5925

■ 31.2321, 37.3732,
49.8243

■ 59.0999, 56.4362,
52.0351

■ 28.4397, 35.2016,
49.5523

■ 65.7975, 60.7231,
52.5095

■ 26.1100, 33.2827,
49.3047

■ 68.9682, 63.2066,
52.8218

■ 24.2131, 31.6010,
49.0801

■ 69.5502, 64.3705,
53.0157

■ 22.7154, 30.1393,
48.8769

■ 70.1422, 65.5547,
53.2131

■ 21.5782, 28.8774,
48.6933

■ 70.7445, 66.7592,
53.4139

■ 20.7550, 27.7913,
48.5270

■ 71.3570, 67.9841,
53.6180

Harmonies

Analogous

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



42.5235, 45.5391, 49.7106



42.6466, 45.5391, 50.7982



42.9403, 45.5391, 51.5696

Triad

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



42.6466, 45.5391, 50.7982



43.9713, 45.5391, 50.5764



43.2395, 45.5391, 47.4268

Complementary

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



42.6466, 45.5391, 50.7982



42.5548, 44.0906, 46.8257

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.



43.6286, 45.5391, 47.6507



42.6466, 45.5391, 50.7982



44.0526, 45.5391, 49.4583

Square

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



42.6466, 45.5391, 50.7982



43.7053, 45.5391, 51.4402



43.9268, 45.5391, 48.3900



42.8645, 45.5391, 47.7736

Rectangle

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



42.6466, 45.5391, 50.7982



43.1942, 45.5391, 51.7947



43.9268, 45.5391, 48.3900



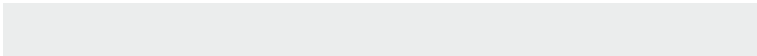
43.3730, 45.5391, 47.4378

Sweetspot

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



42.6479, 45.5410, 50.7992



79.7257, 84.2073, 92.2874



42.2378, 45.7026, 47.6358



17.6190, 18.6057, 20.3842



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.



42.6479, 45.5410, 50.7992



76.2911, 81.8587, 92.0151



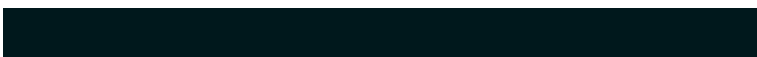
41.9578, 44.1608, 50.5692



9.5301, 10.2463, 11.5549



14.4039, 19.2675, 34.2129



0.5380, 0.7396, 1.2161

Inverse Universe

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



42.9629, 43.9422, 49.9356



77.0416, 78.0639, 89.9541



43.2371, 45.4552, 47.0531



9.6338, 9.7229, 11.2700



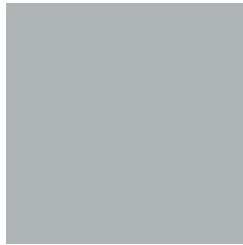
17.8841, 8.7274, 23.0743



0.6457, 0.3138, 0.8936

Previews

White Background



This preview shows how the XYZ color 42.6466, 45.5391, 50.7982 looks on a white background.

Color Contrast Check

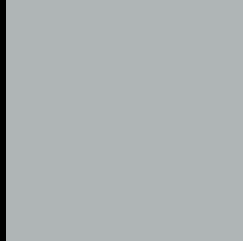
Large Text (above 18pt) WCAG AA × Fail

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 42.6466, 45.5391, 50.7982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

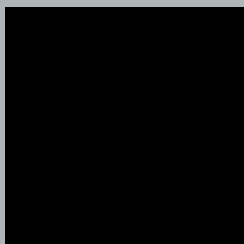
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

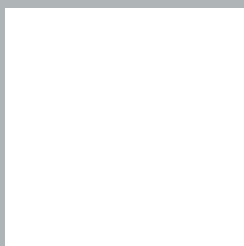
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6466, 45.5391, 50.7982

Background



This preview shows how black text looks on a background with the XYZ color 42.6466, 45.5391, 50.7982.



This preview shows how white text looks on a background with the XYZ color 42.6466, 45.5391,

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

42.6466, 45.5391, 50.7982

Protanopia

43.7520, 45.5215, 50.1966

Deuteranopia

46.1890, 45.2931, 51.1078



Tritanopia

43.8772, 45.4376, 56.9098

Trichromacy



Original Color

42.6466, 45.5391, 50.7982

Protanomaly

43.2522, 45.5624, 50.2309

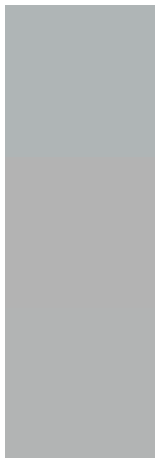
Deuteranomaly

45.0084, 45.5545, 51.2205

Tritanomaly

43.4111, 45.5467, 54.6475

Monochromacy



Original Color

42.6466, 45.5391, 50.7982

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.9196, 45.4028, 49.6815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6466, 45.5391, 50.7982 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(175, 181, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 181, 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(175, 181, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 181, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.6466, 45.5391, 50.7982 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(175, 181, 182) }
```


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

```
.border{ border-color:rgb(175, 181, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 181, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 181, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 181, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 181,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6466, 45.5391, 50.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 181, 182) }
```

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

```
.background{ background-color: rgb(175,  
181, 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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