

Converting Colors

XYZ(41.2445, 45.5664, 57.0641)

Have a look what the booklet for
XYZ(41.2445, 45.5664, 57.0641)
contains.

XYZ(41.2633, 45.6048, 57.0799)	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(41.2633, 45.6048,
57.0799)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B8C1
RGB	160, 184, 193
RGB Percent	63%, 72%, 76%
CMY	0.3725, 0.2784, 0.2431
CMYK	0.17, 0.05, 0.00, 0.24
HSL	196°, 21%, 69%
HSV	196°, 17%, 76%
XYZ	41.2633, 45.6048, 57.0799
YIQ	177.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

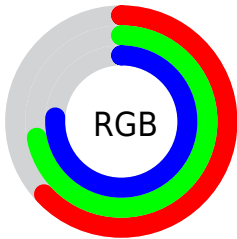
Format	Color
R_{YB}	160, 174, 193
Decimal	10533057
CIE _{Lab}	73.29, -6.27, -7.32
CIE _{LCh}	73, 9.634, 229.433
Yxy	45.6048, 0.2867, 0.3168
Android (android.graphics.Color)	4288723137 (0xFFA0B8C1)
YUV	177.8500, 7.4690, -15.6544
Hunter-Lab	67.5313, -9.1119, -2.8421

Details

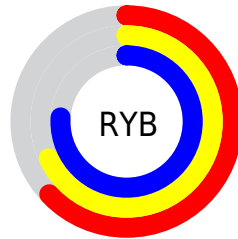
The XYZ color **41.2633, 45.6048, 57.0799** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.5258, 42.2514, 39.1725**, and the grayscale version is **42.2070, 44.4050, 48.3571**.

A 20% lighter version of the original color is **76.2833, 83.6068, 101.7397**, and **19.0343, 21.3142, 27.9218** is the 20% darker color. If you saturate the color by 10%, you get **36.6280, 41.6237, 56.5565**, and if you desaturate by 10%, it is **46.5409, 49.9798, 57.6469**.

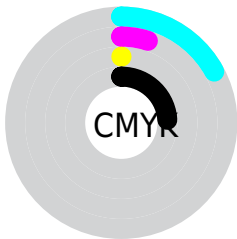
Distribution



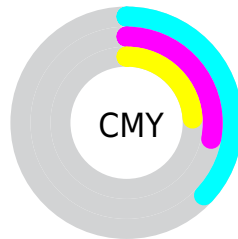
- Red (63%)
- Green (72%)
- Blue (76%)



- Red (63%)
- Yellow (68%)
- Blue (76%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (37%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2633, 45.6048, 57.0799 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 41.2633, 45.6048, 57.0799 by changing the saturation by 10% instead.

■ 41.2633, 45.6048,
57.0799

■ 41.2633, 45.6048,
57.0799

342.4637,
369.2175, 431.2508

■ 28.7135, 31.9341,
40.6596

■ 76.3556, 83.6272,
102.0833

■ 19.0074, 21.3111,
27.7355

■ 99.6288, 108.7477,
131.5034

■ 11.7796, 13.3516,
17.8891

127.2071,
138.4536, 166.0939

■ 6.6649, 7.6711,
10.7018

159.4560,
173.1293, 206.2733

■ 3.2979, 3.8852,
5.7550

196.7407,
213.1591, 252.4602

■ 1.3132, 1.6096,
2.6303

239.4267,

■ 0.1931, 0.3640,

258.9275, 305.0730

0.9081

287.8792,
310.8188, 364.5303

■ 0.0000, 0.0000,
0.0000

■ 41.2633, 45.6048,
57.0799

■ 41.2633, 45.6048,
57.0799

■ 36.6280, 41.6237,
56.5565

■ 46.5409, 49.9798,
57.6469

■ 32.6030, 38.0157,
56.0722

■ 52.4831, 54.7572,
58.2559

■ 29.1595, 34.7666,
55.6266

■ 59.1158, 59.9523,
58.9090

■ 26.2648, 31.8587,
55.2179

■ 66.4624, 65.5776,
59.6076

■ 23.8824, 29.2727,
54.8443

■ 73.9902, 71.3592,
60.3268

■ 21.9714, 26.9868,
54.5038

■ 75.3135, 74.0057,
60.7679

■ 20.4842, 24.9756,
54.1940

■ 76.6799, 76.7385,
61.2234

■ 19.3549, 23.2045,
53.9116

■ 78.0898, 79.5583,
61.6934

■ 19.0594, 22.7175,
53.8332

■ 79.5436, 82.4660,
62.1780

Harmonies

Analogous

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



40.3481, 45.6048, 52.8227



41.2633, 45.6048, 57.0799



42.7518, 45.6048, 59.3959

Triad

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



41.2633, 45.6048, 57.0799



46.6254, 45.6048, 51.3851



42.2719, 45.6048, 41.3729

Complementary

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



41.2633, 45.6048, 57.0799



42.5258, 42.2514, 39.1725

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.



43.9457, 45.6048, 41.0435



41.2633, 45.6048, 57.0799



46.4888, 45.6048, 46.6182

Square

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



41.2633, 45.6048, 57.0799



45.8661, 45.6048, 55.9688



45.4976, 45.6048, 42.9052



40.9199, 45.6048, 43.8364

Rectangle

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



41.2633, 45.6048, 57.0799



43.8817, 45.6048, 59.4320



45.4976, 45.6048, 42.9052



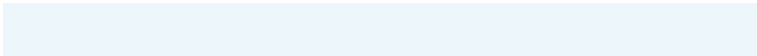
42.8146, 45.6048, 41.0153

Sweetspot

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



41.2646, 45.6067, 57.0809



85.4061, 91.1822, 103.4588



40.7106, 48.4714, 44.6488



18.1669, 19.4353, 22.1792



92.9021, 97.7402, 106.4391



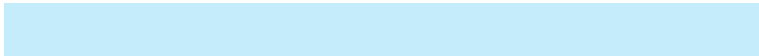
19.4759, 20.4902, 22.3138

Same Dimension

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



41.2646, 45.6067, 57.0809



70.2540, 78.5790, 101.8248



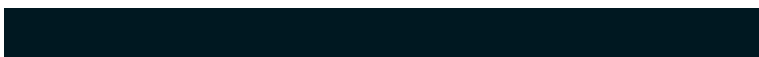
38.0710, 39.2193, 56.0164



10.1288, 10.9489, 12.8643



12.7458, 15.2482, 35.8280



0.6056, 0.7685, 1.5663

Inverse Universe

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



43.2159, 39.9407, 50.7812



74.5315, 66.4619, 87.9463



45.7501, 48.6999, 40.2473



10.3763, 10.1991, 12.0722



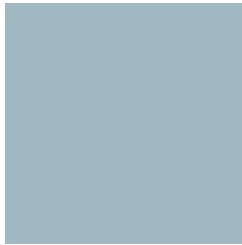
17.8295, 8.8215, 17.5460



0.7980, 0.3922, 0.9039

Previews

White Background



This preview shows how the XYZ color 41.2633, 45.6048, 57.0799 looks on a white background.

Color Contrast Check

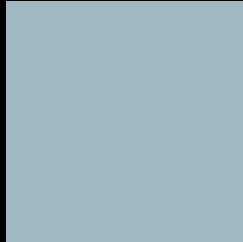
Large Text (above 18pt) WCAG AA × Fail

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 41.2633, 45.6048, 57.0799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

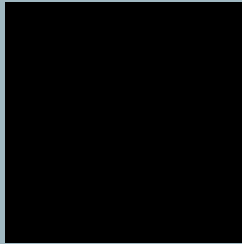
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

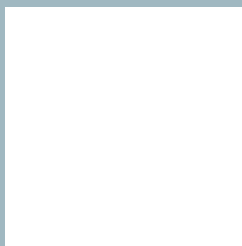
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2633, 45.6048, 57.0799

Background



This preview shows how black text looks on a background with the XYZ color 41.2633, 45.6048, 57.0799.



This preview shows how white text looks on a background with the XYZ color 41.2633, 45.6048,

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

41.2633, 45.6048, 57.0799

Protanopia

44.2368, 45.6612, 55.1972

Deuteranopia

46.4155, 45.5472, 57.9749



Tritanopia

41.8245, 45.5213, 60.0082

Trichromacy



Original Color

41.2633, 45.6048, 57.0799

Protanomaly

43.1614, 45.6936, 55.8351

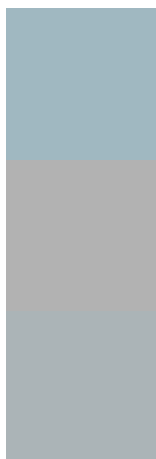
Deuteranomaly

44.2484, 45.3195, 57.4543

Tritanomaly

41.5952, 45.4296, 58.8010

Monochromacy



Original Color

41.2633, 45.6048, 57.0799

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.6631, 44.7193, 51.2356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2633, 45.6048, 57.0799 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(160, 184, 193)` looks like.

```
.text, #text, p{  
    color:rgb(160, 184, 193)  
}
```

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(160, 184, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 184, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.2633, 45.6048, 57.0799 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(160, 184, 193) }
```


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

```
.border{ border-color:rgb(160, 184, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 184, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 184, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 184, 193);  
box-shadow:4px 4px 4px 4px rgb(160, 184,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2633, 45.6048, 57.0799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 184, 193) }
```

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

```
.background{ background-color: rgb(160,  
184, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor