

Converting Colors

XYZ(41.5325, 45.1522, 57.9945)

Have a look what the booklet for
XYZ(41.5325, 45.1522, 57.9945)
contains.

XYZ(41.4786, 45.0774, 58.1444)	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(41.4786, 45.0774,
58.1444)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B6C3
RGB	162, 182, 195
RGB Percent	64%, 71%, 76%
CMY	0.3647, 0.2863, 0.2353
CMYK	0.17, 0.07, 0.00, 0.24
HSL	204°, 22%, 70%
HSV	204°, 17%, 76%
XYZ	41.4786, 45.0774, 58.1444
YIQ	177.5020, -16.0930, -0.1970

Conversions

Conversions Part 2

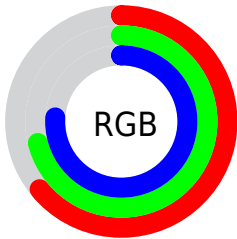
Format	Color
R _Y B	162, 174, 195
Decimal	10663619
CIE Lab	72.94, -4.12, -8.91
CIE LCh	73, 9.817, 245.192
Yxy	45.0774, 0.2867, 0.3115
Android (android.graphics.Color)	4288853699 (0xFFA2B6C3)
YUV	177.5020, 8.6265, -13.5953
Hunter-Lab	67.1397, -7.2180, -4.3486

Details

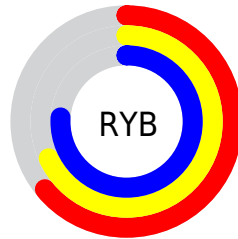
The XYZ color **41.4786, 45.0774, 58.1444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3577, 44.8708, 40.5065**, and the grayscale version is **42.0171, 44.2053, 48.1396**.

A 20% lighter version of the original color is **76.7605, 82.9291, 104.0567**, and **19.0884, 20.9386, 28.2348** is the 20% darker color. If you saturate the color by 10%, you get **36.2907, 40.1326, 57.4641**, and if you desaturate by 10%, it is **47.3697, 50.5151, 58.8842**.

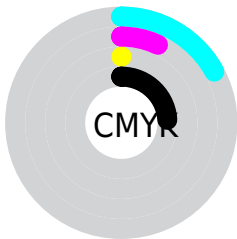
Distribution



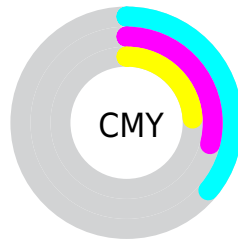
- Red (64%)
- Green (71%)
- Blue (76%)



- Red (64%)
- Yellow (68%)
- Blue (76%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4786, 45.0774, 58.1444 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 41.4786, 45.0774, 58.1444 by changing the saturation by 10% instead.

■ 41.4786, 45.0774,
58.1444

■ 41.4786, 45.0774,
58.1444

343.3455,
367.0869, 435.3371

■ 28.8826, 31.5184,
41.5093

■ 76.6800, 82.8365,
103.6500

■ 19.1358, 20.9939,
28.3945

■ 100.0161,
107.8055, 133.3575

■ 11.8731, 13.1196,
18.3817

127.6629,
137.3465, 168.2596

■ 6.7289, 7.5109,
11.0521

159.9859,
171.8440, 208.7747

■ 3.3379, 3.7836,
5.9873

197.3502,
211.6824, 255.3215

■ 1.3349, 1.5533,
2.7687

240.1214,

■ 0.2091, 0.3258,

257.2461, 308.3185

0.9778

288.6647,
308.9195, 368.1841

■ 0.0000, 0.0000,
0.0000

■ 41.4786, 45.0774,
58.1444

■ 41.4786, 45.0774,
58.1444

■ 36.2907, 40.1326,
57.4641

■ 47.3697, 50.5151,
58.8842

■ 31.7725, 35.6580,
56.8386

■ 53.9877, 56.4565,
59.6822

■ 27.8934, 31.6368,
56.2668

■ 61.3602, 62.9188,
60.5410

■ 24.6188, 28.0490,
55.7469

■ 69.5120, 69.9167,
61.4621

■ 21.9105, 24.8729,
55.2766

■ 76.7905, 76.6003,
62.3685

■ 19.7257, 22.0840,
54.8535

■ 78.8579, 80.7350,
63.0576

■ 18.0143, 19.6543,
54.4747

■ 81.0191, 85.0574,
63.7780

■ 16.7095, 17.5468,
54.1367

■ 83.2754, 89.5700,
64.5301

■ 16.3520, 16.9432,
54.0390

■ 85.6279, 94.2751,
65.3143

Harmonies

Analogous

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



40.2110, 45.0774, 54.7168



41.4786, 45.0774, 58.1444



43.1433, 45.0774, 59.0799

Triad

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



41.4786, 45.0774, 58.1444



46.2067, 45.0774, 48.2335



40.9758, 45.0774, 41.7746

Complementary

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



41.4786, 45.0774, 58.1444



44.3577, 44.8708, 40.5065

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.



42.5475, 45.0774, 40.2803



41.4786, 45.0774, 58.1444



45.5910, 45.0774, 43.8473

Square

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



41.4786, 45.0774, 58.1444



45.9022, 45.0774, 53.1436



44.2405, 45.0774, 41.0132



39.9261, 45.0774, 45.2321

Rectangle

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



41.4786, 45.0774, 58.1444



44.2610, 45.0774, 58.1144



44.2405, 45.0774, 41.0132



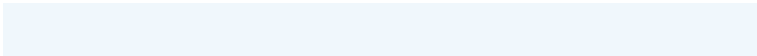
41.4590, 45.0774, 41.0369

Sweetspot

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



41.4799, 45.0793, 58.1454



86.9260, 92.3664, 105.7168



42.1198, 49.7938, 47.7696



18.8572, 20.0654, 23.1291



0.0000, 0.0000, 0.0000



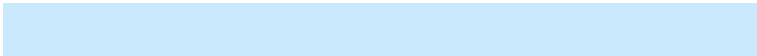
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4799, 45.0793, 58.1454



71.0039, 77.6387, 103.7133



38.3606, 38.8405, 57.1056



10.0248, 10.7409, 12.8297



10.7116, 11.1796, 35.1499



0.5284, 0.6143, 1.5406

Inverse Universe

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



43.8706, 40.8213, 49.8251



76.0649, 68.8601, 86.0465



47.6916, 51.5386, 41.6178



10.3238, 10.1781, 11.7958



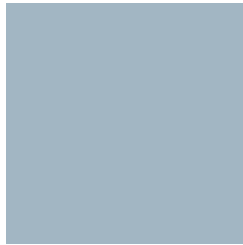
16.8027, 8.4108, 12.1389



0.7591, 0.3767, 0.6989

Previews

White Background



This preview shows how the XYZ color 41.4786, 45.0774, 58.1444 looks on a white background.

Color Contrast Check

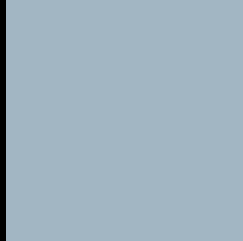
Large Text (above 18pt) WCAG AA × Fail

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 41.4786, 45.0774, 58.1444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

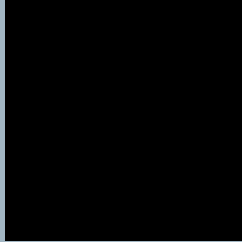
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

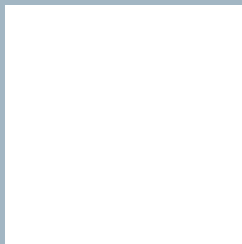
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4786, 45.0774, 58.1444

Background



This preview shows how black text looks on a background with the XYZ color 41.4786, 45.0774, 58.1444.



This preview shows how white text looks on a background with the XYZ color 41.4786, 45.0774,

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

41.4786, 45.0774, 58.1444

Protanopia

43.7949, 45.1115, 56.2683

Deuteranopia

45.9531, 44.9947, 59.0862



Tritanopia

41.5920, 45.1228, 58.7420

Trichromacy



Original Color

41.4786, 45.0774, 58.1444

Protanomaly

42.7590, 44.8611, 56.8575

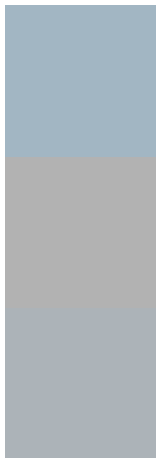
Deuteranomaly

44.2764, 45.0135, 58.5794

Tritanomaly

41.5920, 45.1228, 58.7420

Monochromacy



Original Color

41.4786, 45.0774, 58.1444

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.7851, 44.4715, 51.7290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4786, 45.0774, 58.1444 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(162, 182, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 182, 195)  
}
```

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(162, 182, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 182, 195) }
```

Border

The CSS property to change the border of an element to XYZ 41.4786, 45.0774, 58.1444 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(162, 182, 195) }
```


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

```
.border{ border-color:rgb(162, 182, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 182, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 182, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 182, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 182,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4786, 45.0774, 58.1444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 182, 195) }
```

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

```
.background{ background-color: rgb(162,  
182, 195) }
```

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