

Converting Colors

XYZ(41.9930, 45.0317, 58.6268)

Have a look what the booklet for
XYZ(41.9930, 45.0317, 58.6268)
contains.

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Color

**XYZ(42.0047, 45.0326,
58.7028)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B5C4
RGB	165, 181, 196
RGB Percent	65%, 71%, 77%
CMY	0.3529, 0.2902, 0.2314
CMYK	0.16, 0.08, 0.00, 0.23
HSL	209°, 21%, 71%
HSV	209°, 16%, 77%
XYZ	42.0047, 45.0326, 58.7028
YIQ	177.9260, -14.3510, 1.2730

Conversions

Conversions Part 2

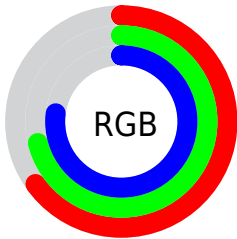
Format	Color
R _Y B	165, 176, 196
Decimal	10859972
CIE Lab	72.91, -2.39, -9.48
CIE LCh	73, 9.777, 255.821
Yxy	45.0326, 0.2882, 0.3090
Android (android.graphics.Color)	4289050052 (0xFFFA5B5C4)
YUV	177.9260, 8.9105, -11.3361
Hunter-Lab	67.1063, -5.7054, -4.8909

Details

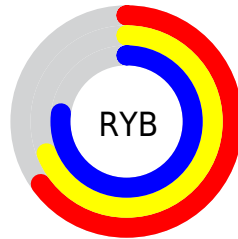
The XYZ color **42.0047, 45.0326, 58.7028** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8780, 47.0947, 42.2703**, and the grayscale version is **42.2387, 44.4384, 48.3934**.

A 20% lighter version of the original color is **77.5290, 82.8759, 104.8389**, and **19.4117, 20.9020, 28.6026** is the 20% darker color. If you saturate the color by 10%, you get **36.3735, 39.3652, 57.9064**, and if you desaturate by 10%, it is **48.3946, 51.2883, 59.5742**.

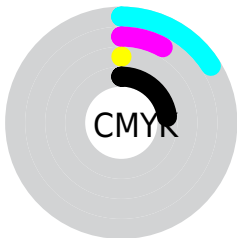
Distribution



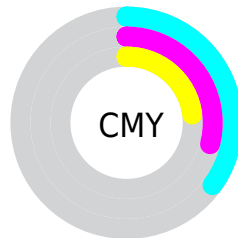
- Red (65%)
- Green (71%)
- Blue (77%)



- Red (65%)
- Yellow (69%)
- Blue (77%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (35%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0047, 45.0326, 58.7028 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 42.0047, 45.0326, 58.7028 by changing the saturation by 10% instead.

■ 42.0047, 45.0326,
58.7028

■ 42.0047, 45.0326,
58.7028

345.4937,
366.9056, 437.4708

■ 29.2961, 31.4831,
41.9555

■ 77.4719, 82.7693,
104.4705

■ 19.4503, 20.9670,
28.7411

■ 100.9611,
107.7254, 134.3279

■ 12.1021, 13.0999,
18.6412

128.7747,
137.2523, 169.3924

■ 6.8859, 7.4974,
11.2371

161.2778,
171.7347, 210.0826

■ 3.4365, 3.7750,
6.1104

198.8359,
211.5568, 256.8170

■ 1.3886, 1.5485,
2.8424

241.8144,

■ 0.2481, 0.3225,

257.1030, 310.0142

1.0148

290.5785,
308.7578, 370.0926

■ 0.0000, 0.0000,
0.0000

■ 42.0047, 45.0326,
58.7028

■ 42.0047, 45.0326,
58.7028

■ 36.3735, 39.3652,
57.9064

■ 48.3946, 51.2883,
59.5742

■ 31.4661, 34.2606,
57.1798

■ 55.5682, 58.1455,
60.5197

■ 27.2506, 29.6998,
56.5216

■ 63.5544, 65.6238,
61.5422

■ 23.6910, 25.6600,
55.9295

■ 72.3792, 73.7401,
62.6437

■ 20.7476, 22.1166,
55.4007

■ 79.0618, 80.9613,
63.6853

■ 18.3763, 19.0424,
54.9323

■ 81.7488, 86.3352,
64.5810

■ 16.5258, 16.4064,
54.5210

■ 84.5811, 91.9999,
65.5251

■ 15.1330, 14.1713,
54.1630

■ 86.9639, 96.7656,
66.3194

■ 14.6349, 13.3275,
54.0264

Harmonies

Analogous

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



40.5595, 45.0326, 56.0735



42.0047, 45.0326, 58.7028



43.7014, 45.0326, 58.6244

Triad

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



42.0047, 45.0326, 58.7028



46.0319, 45.0326, 46.5193



40.4956, 45.0326, 42.7810

Complementary

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



42.0047, 45.0326, 58.7028



45.8780, 47.0947, 42.2703

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.



41.9153, 45.0326, 40.5490



42.0047, 45.0326, 58.7028



45.1259, 45.0326, 42.6077

Square

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



42.0047, 45.0326, 58.7028



46.0574, 45.0326, 51.3671



43.6096, 45.0326, 40.4878



39.7040, 45.0326, 46.7704

Rectangle

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



42.0047, 45.0326, 58.7028



44.7481, 45.0326, 57.0402



43.6096, 45.0326, 40.4878



40.9134, 45.0326, 41.8123

Sweetspot

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



42.0060, 45.0345, 58.7038



88.5775, 93.7889, 108.0423



43.4943, 50.7746, 50.6800



18.7709, 19.8927, 23.1003



0.0000, 0.0000, 0.0000



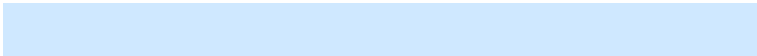
20.3446, 21.4041, 23.3091

Same Dimension

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



42.0060, 45.0345, 58.7038



72.3896, 77.8867, 105.8260



39.0302, 39.0828, 57.7119



9.9487, 10.5887, 12.8043



9.4900, 8.7366, 34.7428



0.4788, 0.5150, 1.5241

Inverse Universe

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



44.5616, 41.9832, 49.4731



77.9471, 71.4691, 85.7036



49.1808, 53.7003, 43.3712



10.2854, 10.1628, 11.5934



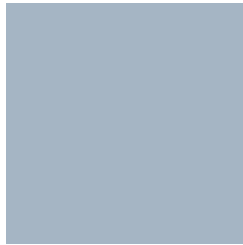
16.1861, 8.1642, 8.8920



0.7341, 0.3666, 0.5670

Previews

White Background



This preview shows how the XYZ color 42.0047, 45.0326, 58.7028 looks on a white background.

Color Contrast Check

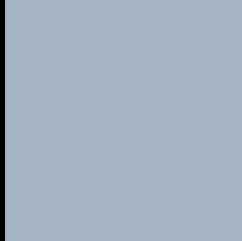
Large Text (above 18pt) WCAG AA × Fail

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 42.0047, 45.0326, 58.7028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

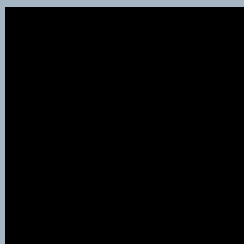
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

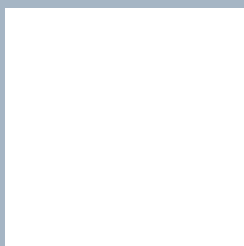
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0047, 45.0326, 58.7028

Background



This preview shows how black text looks on a background with the XYZ color 42.0047, 45.0326, 58.7028.



This preview shows how white text looks on a background with the XYZ color 42.0047, 45.0326,

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

42.0047, 45.0326, 58.7028

Protanopia

43.7895, 45.0829, 57.4329

Deuteranopia

45.7076, 44.8681, 59.0747



Tritanopia

41.8912, 44.9872, 58.1053

Trichromacy



Original Color

42.0047, 45.0326, 58.7028

Protanomaly

43.2040, 45.0646, 58.0510

Deuteranomaly

44.3906, 45.0592, 59.1810

Tritanomaly

41.8912, 44.9872, 58.1053

Monochromacy



Original Color

42.0047, 45.0326, 58.7028

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.1106, 44.6272, 52.2934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0047, 45.0326, 58.7028 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(165, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 196)  
}
```

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(165, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 196) }
```

Border

The CSS property to change the border of an element to XYZ 42.0047, 45.0326, 58.7028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

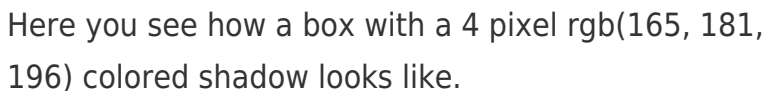
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 181, 196) }
```


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

```
.border{ border-color:rgb(165, 181, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 181, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 181, 196); box-shadow:4px 4px 4px 4px rgb(165, 181, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0047, 45.0326, 58.7028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 196) }
```

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

```
.background{ background-color: rgb(165,  
181, 196) }
```

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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