

Converting Colors

XYZ(41.2622, 44.6116, 57.9044)

Have a look what the booklet for
XYZ(41.2622, 44.6116, 57.9044)
contains.

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Color

**XYZ(41.2745, 44.6693,
58.0764)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B5C3
RGB	162, 181, 195
RGB Percent	64%, 71%, 76%
CMY	0.3647, 0.2902, 0.2353
CMYK	0.17, 0.07, 0.00, 0.24
HSL	205°, 22%, 70%
HSV	205°, 17%, 76%
XYZ	41.2745, 44.6693, 58.0764
YIQ	176.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

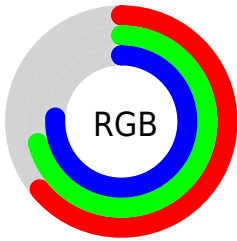
Format	Color
R _Y B	162, 174, 195
Decimal	10663363
CIE Lab	72.67, -3.58, -9.31
CIE LCh	73, 9.977, 248.962
Yxy	44.6693, 0.2866, 0.3102
Android (android.graphics.Color)	4288853443 (0xFFA2B5C3)
YUV	176.9150, 8.9159, -13.0805
Hunter-Lab	66.8351, -6.7274, -4.7355

Details

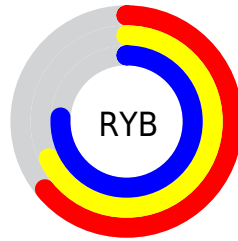
The XYZ color **41.2745, 44.6693, 58.0764** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5529, 45.2613, 40.5714**, and the grayscale version is **41.7071, 43.8791, 47.7843**.

A 20% lighter version of the original color is **76.4701, 82.3484, 103.9599**, and **18.9573, 20.6764, 28.1911** is the 20% darker color. If you saturate the color by 10%, you get **35.9845, 39.5202, 57.3621**, and if you desaturate by 10%, it is **47.2813, 50.3385, 58.8548**.

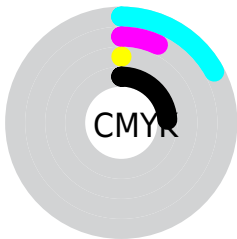
Distribution



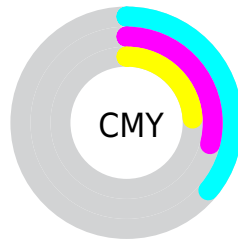
- Red (64%)
- Green (71%)
- Blue (76%)



- 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 41.2745, 44.6693, 58.0764 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 41.2745, 44.6693, 58.0764 by changing the saturation by 10% instead.

■ 41.2745, 44.6693,
58.0764

■ 41.2745, 44.6693,
58.0764

342.5096,
365.4326, 435.0768

■ 28.7223, 31.1970,
41.4550

■ 76.3725, 82.2239,
103.5500

■ 19.0140, 20.7489,
28.3524

■ 99.6490, 107.0751,
133.2392

■ 11.7845, 12.9406,
18.3501

127.2309,
136.4880, 168.1215

■ 6.6683, 7.3877,
11.0296

159.4836,
170.8470, 208.6152

■ 3.3000, 3.7057,
5.9723

196.7725,
210.5366, 255.1391

■ 1.3143, 1.5103,
2.7597

239.4628,

■ 0.1939, 0.2960,

255.9411, 308.1117

0.9733

287.9201,
307.4450, 367.9514

■ 0.0000, 0.0000,
0.0000

■ 41.2745, 44.6693,
58.0764

■ 41.2745, 44.6693,
58.0764

■ 35.9845, 39.5202,
57.3621

■ 47.2813, 50.3385,
58.8548

■ 31.3773, 34.8676,
56.7068

■ 54.0290, 56.5392,
59.6960

■ 27.4221, 30.6943,
56.1098

■ 61.5454, 63.2893,
60.6027

■ 24.0839, 26.9794,
55.5687

■ 69.8556, 70.6042,
61.5767

■ 21.3242, 23.7004,
55.0812

■ 77.3076, 77.6344,
62.5409

■ 19.0996, 20.8320,
54.6448

■ 79.5634, 82.1461,
63.2928

■ 17.3598, 18.3453,
54.2565

■ 81.9286, 86.8764,
64.0812

■ 16.0374, 16.2025,
53.9126

■ 84.4046, 91.8284,
64.9065

■ 15.6765, 15.5922,
53.8138

■ 86.8505, 96.7202,
65.7218

Harmonies

Analogous

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



39.9238, 44.6693, 54.8736



41.2745, 44.6693, 58.0764



42.9769, 44.6693, 58.6618

Triad

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



41.2745, 44.6693, 58.0764



45.8263, 44.6693, 47.1690



40.4004, 44.6693, 41.6030

Complementary

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



41.2745, 44.6693, 58.0764



44.5529, 45.2613, 40.5714

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.



41.9410, 44.6693, 39.8252



41.2745, 44.6693, 58.0764



45.0948, 44.6693, 42.8923

Square

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



41.2745, 44.6693, 58.0764



45.6361, 44.6693, 52.1360



43.6615, 44.6693, 40.2807



39.4288, 44.6693, 45.2987

Rectangle

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



41.2745, 44.6693, 58.0764



44.0872, 44.6693, 57.4527



43.6615, 44.6693, 40.2807



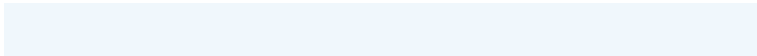
40.8672, 44.6693, 40.7731

Sweetspot

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



41.2758, 44.6711, 58.0774



86.8089, 92.1322, 105.6778



42.2280, 49.8371, 48.3394



18.8280, 20.0071, 23.1194



0.0000, 0.0000, 0.0000



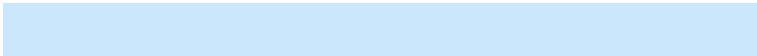
20.3446, 21.4041, 23.3091

Same Dimension

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



41.2758, 44.6711, 58.0774



70.5738, 76.7786, 103.5699



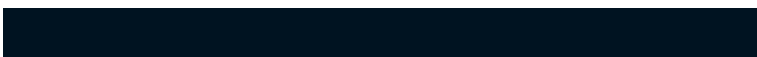
38.1615, 38.4426, 57.0393



9.9991, 10.6894, 12.8211



10.2735, 10.3034, 35.0039



0.5110, 0.5794, 1.5348

Inverse Universe

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



43.7676, 40.7799, 49.2827



75.8478, 68.7733, 84.9033



47.9326, 52.0207, 41.6980



10.3108, 10.1729, 11.7273



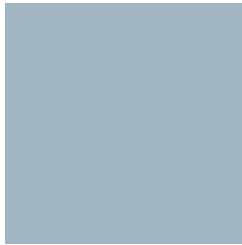
16.5815, 8.3224, 10.9744



0.7503, 0.3731, 0.6526

Previews

White Background



This preview shows how the XYZ color 41.2745, 44.6693, 58.0764 looks on a white background.

Color Contrast Check

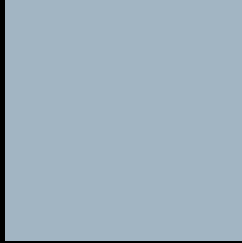
Large Text (above 18pt) WCAG AA × Fail

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 41.2745, 44.6693, 58.0764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

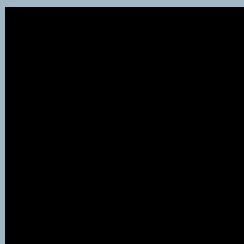
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

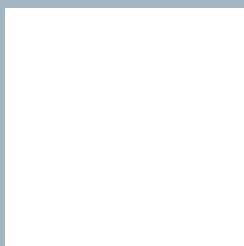
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2745, 44.6693, 58.0764

Background



This preview shows how black text looks on a background with the XYZ color 41.2745, 44.6693, 58.0764.



This preview shows how white text looks on a background with the XYZ color 41.2745, 44.6693,

58.0764.

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

41.2745, 44.6693, 58.0764

Protanopia

43.3680, 44.5972, 56.1915

Deuteranopia

45.5151, 44.4832, 59.0105



Tritanopia

41.2745, 44.6693, 58.0764

Trichromacy



Original Color

41.2745, 44.6693, 58.0764

Protanomaly

42.5593, 44.4617, 56.7909

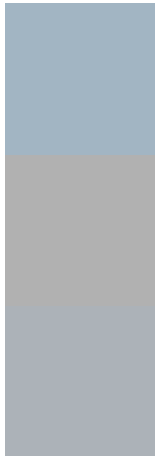
Deuteranomaly

43.8492, 44.5012, 58.5030

Tritanomaly

41.2745, 44.6693, 58.0764

Monochromacy



Original Color

41.2745, 44.6693, 58.0764

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5854, 44.0721, 51.6624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2745, 44.6693, 58.0764 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, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 181, 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, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 181, 195) }
```

Border

The CSS property to change the border of an element to XYZ 41.2745, 44.6693, 58.0764 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, 181, 195) }
```


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

```
.border{ border-color:rgb(162, 181, 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, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 181,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2745, 44.6693, 58.0764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 181, 195) }
```

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

```
.background{ background-color: rgb(162,  
181, 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](#).

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