

Converting Colors

XYZ(41.8562, 45.1185, 55.8093)

Have a look what the booklet for
XYZ(41.8562, 45.1185, 55.8093)
contains.

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Color

**XYZ(41.8642, 45.0248,
55.7744)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B5BF
RGB	167, 181, 191
RGB Percent	65%, 71%, 75%
CMY	0.3451, 0.2902, 0.2510
CMYK	0.13, 0.05, 0.00, 0.25
HSL	205°, 16%, 70%
HSV	205°, 13%, 75%
XYZ	41.8642, 45.0248, 55.7744
YIQ	177.9540, -11.5540, 0.1420

Conversions

Conversions Part 2

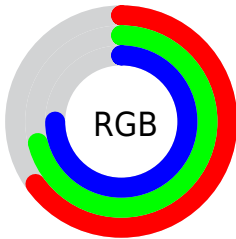
Format	Color
RYB	167, 176, 191
Decimal	10991039
CIELab	72.91, -2.80, -6.74
CIELCh	73, 7.293, 247.441
Yxy	45.0248, 0.2934, 0.3156
Android (android.graphics.Color)	4289181119 (0xFFA7B5BF)
YUV	177.9540, 6.4317, -9.6067
Hunter-Lab	67.1005, -6.0593, -2.3119

Details

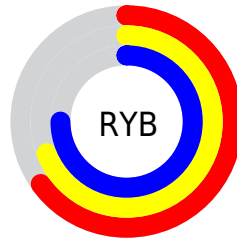
The XYZ color **41.8642, 45.0248, 55.7744** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1834, 45.3106, 42.9772**, and the grayscale version is **42.2651, 44.4662, 48.4237**.

A 20% lighter version of the original color is **77.1969, 82.8134, 99.9116**, and **19.3768, 20.9182, 27.0611** is the 20% darker color. If you saturate the color by 10%, you get **36.5518, 39.9537, 55.0763**, and if you desaturate by 10%, it is **47.8677, 50.5917, 56.5332**.

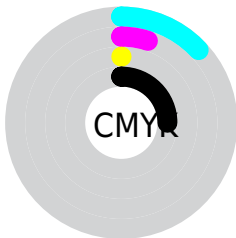
Distribution



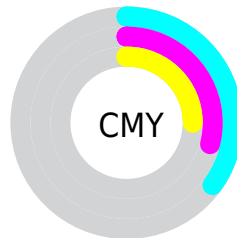
- Red (65%)
- Green (71%)
- Blue (75%)



- Red (65%)
- Yellow (69%)
- Blue (75%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8642, 45.0248, 55.7744 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 41.8642, 45.0248, 55.7744 by changing the saturation by 10% instead.

■ 41.8642, 45.0248,
55.7744

■ 41.8642, 45.0248,
55.7744

344.9209,
366.8740, 426.2051

■ 29.1856, 31.4770,
39.6193

■ 77.2605, 82.7576,
100.1571

■ 19.3663, 20.9623,
26.9303

■ 100.7089,
107.7114, 129.2219

■ 12.0408, 13.0965,
17.2889

128.4780,
137.2359, 163.4269

■ 6.8439, 7.4950,
10.2766

160.9332,
171.7157, 203.1907

■ 3.4101, 3.7736,
5.4747

198.4396,
211.5349, 248.9319

■ 1.3742, 1.5477,
2.4648

241.3629,

■ 0.2377, 0.3220,

257.0781, 301.0690

0.8214

290.0682,
308.7297, 360.0206

■ 0.0000, 0.0000,
0.0000

■ 41.8642, 45.0248,
55.7744

■ 41.8642, 45.0248,
55.7744

■ 36.5518, 39.9537,
55.0763

■ 47.8677, 50.5917,
56.5332

■ 31.8988, 35.3564,
54.4341

■ 54.5841, 56.6643,
57.3513

■ 27.8772, 31.2170,
53.8471

■ 62.0394, 63.2593,
58.2314

■ 24.4549, 27.5169,
53.3133

■ 70.2567, 70.3909,
59.1748

■ 21.5972, 24.2355,
52.8306

■ 76.4441, 76.6217,
60.0514

■ 19.2649, 21.3502,
52.3966

■ 78.5923, 80.9179,
60.7674

■ 17.4138, 18.8355,
52.0087

■ 80.8412, 85.4159,
61.5171

■ 15.9908, 16.6615,
51.6641

■ 83.1924, 90.1182,
62.3008

■ 15.1363, 15.2261,
51.4321

■ 85.6470, 95.0274,
63.1190

Harmonies

Analogous

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



40.8840, 45.0248, 53.4026



41.8642, 45.0248, 55.7744



43.1119, 45.0248, 56.2953

Triad

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



41.8642, 45.0248, 55.7744



45.2634, 45.0248, 48.1238



41.3265, 45.0248, 43.6758

Complementary

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



41.8642, 45.0248, 55.7744



44.1834, 45.3106, 42.9772

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.



42.4791, 45.0248, 42.4081



41.8642, 45.0248, 55.7744



44.7641, 45.0248, 44.8922

Square

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



41.8642, 45.0248, 55.7744



45.0909, 45.0248, 51.7581



43.7389, 45.0248, 42.8421



40.5778, 45.0248, 46.3886

Rectangle

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



41.8642, 45.0248, 55.7744



43.9306, 45.0248, 55.5004



43.7389, 45.0248, 42.8421



41.6786, 45.0248, 43.0728

Sweetspot

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



41.8655, 45.0267, 55.7754



84.0391, 89.0582, 101.0397



42.4640, 48.6363, 48.5367



18.2677, 19.3849, 22.1641



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.



41.8655, 45.0267, 55.7754



72.3183, 78.1288, 99.5479



39.6037, 40.5030, 55.0215



9.4664, 10.1251, 12.1276



10.0282, 10.1682, 33.8270



0.4560, 0.5247, 1.3461

Inverse Universe

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



43.6461, 42.0510, 49.5344



76.1396, 71.8735, 86.1253



46.5733, 50.0905, 43.7739



9.7573, 9.6272, 11.1108



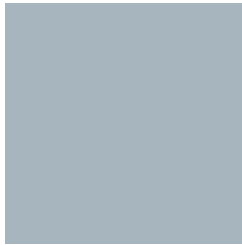
16.0626, 8.0562, 10.8890



0.6611, 0.3283, 0.5945

Previews

White Background



This preview shows how the XYZ color 41.8642, 45.0248, 55.7744 looks on a white background.

Color Contrast Check

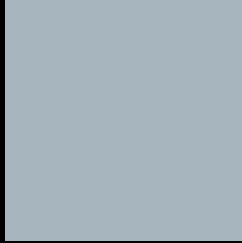
Large Text (above 18pt) WCAG AA × Fail

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 41.8642, 45.0248, 55.7744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

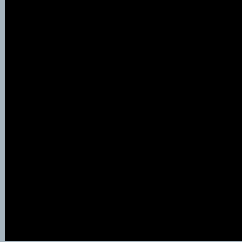
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

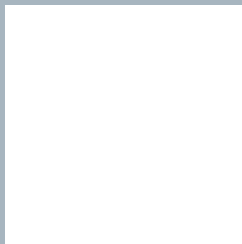
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8642, 45.0248, 55.7744

Background



This preview shows how black text looks on a background with the XYZ color 41.8642, 45.0248, 55.7744.

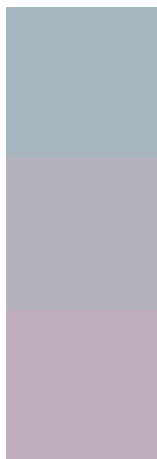


This preview shows how white text looks on a background with the XYZ color 41.8642, 45.0248,

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

41.8642, 45.0248, 55.7744

Protanopia

43.6961, 45.0986, 54.5460

Deuteranopia

45.8857, 45.0250, 56.1414



Tritanopia

42.3200, 44.9075, 58.0673

Trichromacy



Original Color

41.8642, 45.0248, 55.7744

Protanomaly

43.0936, 45.0719, 55.1437

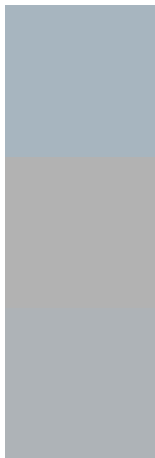
Deuteranomaly

44.5280, 45.1951, 56.2458

Tritanomaly

42.2073, 44.8624, 57.4737

Monochromacy



Original Color

41.8642, 45.0248, 55.7744

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.1229, 44.6578, 51.1994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8642, 45.0248, 55.7744 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(167, 181, 191)` looks like.

```
.text, #text, p{  
    color:rgb(167, 181, 191)  
}
```

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(167, 181, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 181, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.8642, 45.0248, 55.7744 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(167, 181, 191) }
```


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

```
.border{ border-color:rgb(167, 181, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 181, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 181, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 181, 191);  
box-shadow:4px 4px 4px 4px rgb(167, 181,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8642, 45.0248, 55.7744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 181, 191) }
```

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

```
.background{ background-color: rgb(167,  
181, 191) }
```

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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