

Converting Colors

XYZ(41.3241, 44.7450, 55.3950)

Have a look what the booklet for
XYZ(41.3241, 44.7450, 55.3950)
contains.

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Color

**XYZ(41.3352, 44.7648,
55.1771)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B5BE
RGB	165, 181, 190
RGB Percent	65%, 71%, 75%
CMY	0.3529, 0.2902, 0.2549
CMYK	0.13, 0.05, 0.00, 0.25
HSL	202°, 16%, 70%
HSV	202°, 13%, 75%
XYZ	41.3352, 44.7648, 55.1771
YIQ	177.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

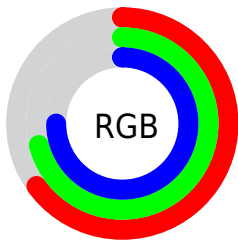
Format	Color
RYB	165, 175, 190
Decimal	10859966
CIELab	72.74, -3.67, -6.46
CIELCh	73, 7.427, 240.402
Yxy	44.7648, 0.2926, 0.3169
Android (android.graphics.Color)	4289050046 (0xFFA5B5BE)
YUV	177.2420, 6.2897, -10.7362
Hunter-Lab	66.9065, -6.8081, -2.0613

Details

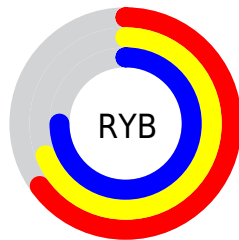
The XYZ color **41.3352, 44.7648, 55.1771** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.1631, 43.9357, 41.8036**, and the grayscale version is **41.8908, 44.0724, 47.9949**.

A 20% lighter version of the original color is **76.4339, 82.4378, 99.0724**, and **19.0446, 20.7552, 26.6693** is the 20% darker color. If you saturate the color by 10%, you get **36.3169, 40.1652, 54.5545**, and if you desaturate by 10%, it is **47.0115, 49.8074, 55.8519**.

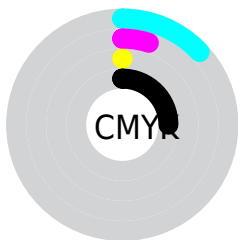
Distribution



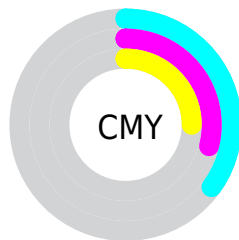
- Red (65%)
- Green (71%)
- Blue (75%)



- 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 41.3352, 44.7648, 55.1771 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 41.3352, 44.7648, 55.1771 by changing the saturation by 10% instead.

■ 41.3352, 44.7648,
55.1771

■ 41.3352, 44.7648,
55.1771

342.7583,
365.8202, 423.8838

■ 28.7699, 31.2722,
39.1440

■ 76.4640, 82.3674,
99.2741

■ 19.0502, 20.8062,
26.5631

■ 99.7582, 107.2461,
128.1751

■ 11.8108, 12.9824,
17.0158

127.3594,
136.6890, 162.2025

■ 6.6863, 7.4164,
10.0837

159.6330,
171.0805, 201.7748

■ 3.3113, 3.7239,
5.3481

196.9444,
210.8050, 247.3105

■ 1.3204, 1.5203,
2.3907

239.6588,

■ 0.1984, 0.3030,

256.2468, 299.2282

0.7814

288.1417,
307.7904, 357.9464

■ 0.0000, 0.0000,
0.0000

■ 41.3352, 44.7648,
55.1771

■ 41.3352, 44.7648,
55.1771

■ 36.3169, 40.1652,
54.5545

■ 47.0115, 49.8074,
55.8519

■ 31.9259, 35.9876,
53.9796

■ 53.3671, 55.3016,
56.5775

■ 28.1348, 32.2177,
53.4517

■ 60.4269, 61.2631,
57.3560

■ 24.9125, 28.8380,
52.9692

■ 68.2137, 67.7047,
58.1890

■ 22.2250, 25.8294,
52.5301

■ 74.8844, 73.6778,
58.9903

■ 20.0342, 23.1706,
52.1324

■ 76.6643, 77.2376,
59.5836

■ 18.2964, 20.8375,
51.7737

■ 78.5179, 80.9449,
60.2015

■ 16.9596, 18.8017,
51.4512

■ 80.4461, 84.8011,
60.8442

■ 16.2074, 17.5438,
51.2480

■ 82.4496, 88.8081,
61.5120

Harmonies

Analogous

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



40.4456, 44.7648, 52.4222



41.3352, 44.7648, 55.1771



42.5650, 44.7648, 56.1891

Triad

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



41.3352, 44.7648, 55.1771



45.0743, 44.7648, 48.6915



41.3057, 44.7648, 42.8721

Complementary

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



41.3352, 44.7648, 55.1771



43.1631, 43.9357, 41.8036

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.



42.5302, 44.7648, 41.9825



41.3352, 44.7648, 55.1771



44.7212, 44.7648, 45.2368

Square

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



41.3352, 44.7648, 55.1771



44.7392, 44.7648, 52.3317



43.7835, 44.7648, 42.8264



40.4288, 44.7648, 45.3189

Rectangle

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



41.3352, 44.7648, 55.1771



43.4174, 44.7648, 55.7012



43.7835, 44.7648, 42.8264



41.6895, 44.7648, 42.3867

Sweetspot

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



41.3365, 44.7667, 55.1781



84.2074, 89.3947, 101.0958



41.5469, 47.8733, 46.9683



18.3114, 19.4723, 22.1787



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.



41.3365, 44.7667, 55.1781



71.9606, 78.4525, 99.6292



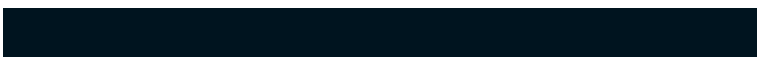
38.9536, 40.0009, 54.3838



9.5119, 10.2161, 12.1428



10.8533, 11.8184, 34.1020



0.4850, 0.5827, 1.3558

Inverse Universe

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



43.0319, 41.1946, 49.4015



75.7054, 70.7288, 86.8326



45.6391, 48.8878, 42.6290



9.7802, 9.6364, 11.2317



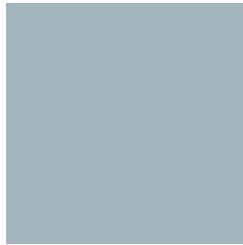
16.4790, 8.2228, 13.0820



0.6757, 0.3342, 0.6716

Previews

White Background



This preview shows how the XYZ color 41.3352, 44.7648, 55.1771 looks on a white background.

Color Contrast Check

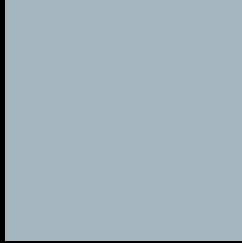
Large Text (above 18pt) WCAG AA × Fail

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 41.3352, 44.7648, 55.1771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

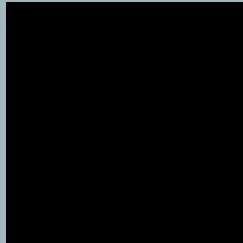
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

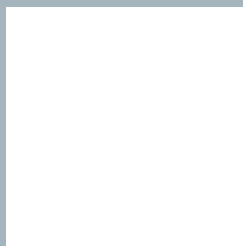
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3352, 44.7648, 55.1771

Background



This preview shows how black text looks on a background with the XYZ color 41.3352, 44.7648, 55.1771.



This preview shows how white text looks on a background with the XYZ color 41.3352, 44.7648,

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

41.3352, 44.7648, 55.1771

Protanopia

43.3896, 44.6588, 53.9101

Deuteranopia

45.4443, 44.5117, 56.0656



Tritanopia

41.8975, 44.6896, 58.0475

Trichromacy



Original Color

41.3352, 44.7648, 55.1771

Protanomaly

42.5613, 44.5136, 54.4929

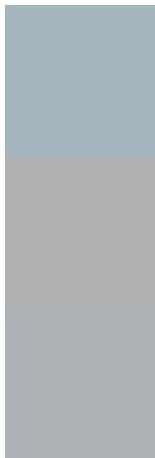
Deuteranomaly

43.7517, 44.5156, 55.5766

Tritanomaly

41.6728, 44.5998, 56.8643

Monochromacy



Original Color

41.3352, 44.7648, 55.1771

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5975, 44.1024, 50.5762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3352, 44.7648, 55.1771 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 190) }
```

Border

The CSS property to change the border of an element to XYZ 41.3352, 44.7648, 55.1771 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, 190) }
```


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

```
.border{ border-color:rgb(165, 181, 190) }
```

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, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(165, 181,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3352, 44.7648, 55.1771 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, 190) }
```

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

```
.background{ background-color: rgb(165,  
181, 190) }
```

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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