

Converting Colors

XYZ(38.0412, 41.5013, 41.5498)

Have a look what the booklet for
XYZ(38.0412, 41.5013, 41.5498)
contains.

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Color

**XYZ(38.0579, 41.5920,
41.6195)**

Conversions

Conversions Part 1

Format	Color
Hex	A7AFA5
RGB	167, 175, 165
RGB Percent	65%, 69%, 65%
CMY	0.3451, 0.3137, 0.3529
CMYK	0.05, 0.00, 0.06, 0.31
HSL	108°, 6%, 67%
HSV	108°, 6%, 69%
XYZ	38.0579, 41.5920, 41.6195
YIQ	171.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

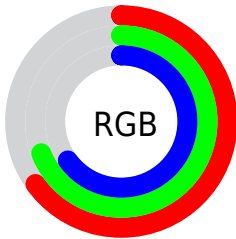
Format	Color
RYB	165, 175, 173
Decimal	10989477
CIELab	70.59, -4.70, 4.14
CIELCh	71, 6.264, 138.587
Yxy	41.5920, 0.3138, 0.3430
Android (android.graphics.Color)	4289179557 (0xFFA7AFA5)
YUV	171.4680, -3.1887, -3.9184
Hunter-Lab	64.4919, -7.5244, 6.8818

Details

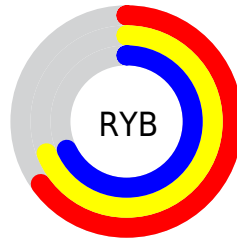
The XYZ color **38.0579, 41.5920, 41.6195** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4280, 38.8907, 46.0407**, and the grayscale version is **38.9612, 40.9902, 44.6383**.

A 20% lighter version of the original color is **71.6184, 77.8487, 78.9618**, and **17.1338, 19.0030, 18.3877** is the 20% darker color. If you saturate the color by 10%, you get **33.7736, 39.5562, 33.6653**, and if you desaturate by 10%, it is **42.8828, 43.8837, 50.7385**.

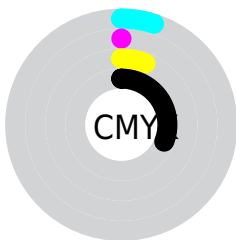
Distribution



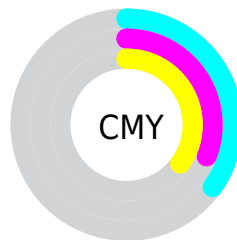
- Red (65%)
- Green (69%)
- Blue (65%)



- Red (65%)
- Yellow (69%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (35%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0579, 41.5920, 41.6195 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 38.0579, 41.5920, 41.6195 by changing the saturation by 10% instead.

■ 38.0579, 41.5920,
41.6195

■ 38.0579, 41.5920,
41.6195

329.1448,
352.7888, 368.6562

■ 26.2050, 28.7820,
28.4801

■ 71.5002, 77.5818,
78.8873

■ 17.1106, 18.9159,
18.4457

■ 93.8204, 101.5303,
103.8528

■ 10.4092, 11.6095,
11.0977

120.3603,
129.9604, 133.5974

■ 5.7354, 6.4784,
6.0176

151.4855,
163.2565, 168.5397

■ 2.7240, 3.1381,
2.7868

187.5611,
201.8030, 209.0982

■ 1.0095, 1.2043,
0.9868

228.9527,

■ 0.0000, 0.0652,

245.9843, 255.6914

0.0000

276.0255,
296.1848, 308.7379

■ 0.0000, 0.0000,
0.0000

■ 38.0579, 41.5920,
41.6195

■ 38.0579, 41.5920,
41.6195

■ 33.7736, 39.5562,
33.6653

■ 42.8828, 43.8837,
50.7385

■ 30.0075, 37.7621,
26.8265

■ 48.2628, 46.4342,
61.0638

■ 26.7406, 36.2024,
21.0540

■ 54.2162, 49.2533,
72.6382

■ 23.9516, 34.8671,
16.2940

■ 60.7595, 52.3485,
85.5013

■ 21.6175, 33.7456,
12.4882

■ 67.9083, 55.7272,
99.6914

■ 19.7133, 32.8265,
9.5720

■ 73.1668, 58.3919,
102.0222

■ 18.2116, 32.0973,
7.4731

■ 74.6207, 59.1415,
102.0902

■ 17.0814, 31.5437,
6.1079

■ 16.2860, 31.1492,
5.3693

Harmonies

Analogous

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



38.9009, 41.5920, 40.0955



38.0579, 41.5920, 41.6195



37.6128, 41.5920, 44.1679

Triad

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



38.0579, 41.5920, 41.6195



39.1394, 41.5920, 51.1074



41.4488, 41.5920, 43.4938

Complementary

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



38.0579, 41.5920, 41.6195



38.4280, 38.8907, 46.0407

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.



41.5153, 41.5920, 46.4241



38.0579, 41.5920, 41.6195



40.1698, 41.5920, 50.9075

Square

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



38.0579, 41.5920, 41.6195



38.2299, 41.5920, 49.6977



41.0436, 41.5920, 49.1631



40.8633, 41.5920, 41.1446

Rectangle

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



38.0579, 41.5920, 41.6195



37.5963, 41.5920, 46.1431



41.0436, 41.5920, 49.1631



41.5329, 41.5920, 44.4408

Sweetspot

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



38.0591, 41.5938, 41.6204



71.2251, 75.9455, 80.3014



39.4159, 41.7195, 41.5732



15.8513, 16.8895, 17.8870



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.0591, 41.5938, 41.6204



67.0230, 73.9495, 72.4110



37.9161, 41.4882, 43.0564



8.2295, 9.0996, 8.8664



11.5162, 22.2339, 3.6846



0.3629, 0.6404, 0.1045

Inverse Universe

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



38.4280, 38.8907, 46.0407



67.8385, 67.9745, 82.1818



38.5821, 39.0038, 44.5263



8.3343, 8.3320, 10.1217



13.3377, 6.2357, 29.5451



0.4104, 0.1938, 0.8238

Previews

White Background



This preview shows how the XYZ color 38.0579, 41.5920, 41.6195 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 38.0579, 41.5920, 41.6195 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 38.0579, 41.5920, 41.6195

Background



This preview shows how black text looks on a background with the XYZ color 38.0579, 41.5920, 41.6195.



This preview shows how white text looks on a background with the XYZ color 38.0579, 41.5920,

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

38.0579, 41.5920, 41.6195

Protanopia

39.7235, 41.6144, 40.5891

Deuteranopia

42.2796, 41.5038, 42.3419



Tritanopia

40.1930, 41.5963, 52.3649

Trichromacy



Original Color

38.0579, 41.5920, 41.6195

Protanomaly

39.1000, 41.5661, 41.0842

Deuteranomaly

40.5491, 41.4477, 41.9394

Tritanomaly

39.3416, 41.5365, 48.0633

Monochromacy



Original Color

38.0579, 41.5920, 41.6195

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.4915, 40.9157, 43.4049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0579, 41.5920, 41.6195 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, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(167, 175, 165)  
}
```

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, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 175, 165) }
```

Border

The CSS property to change the border of an element to XYZ 38.0579, 41.5920, 41.6195 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, 175, 165) }
```


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

```
.border{ border-color:rgb(167, 175, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 175, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(167, 175,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0579, 41.5920, 41.6195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 175, 165) }
```

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

```
.background{ background-color: rgb(167,  
175, 165) }
```

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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