

Converting Colors

XYZ(41.7412, 40.5410, 54.2649)

Have a look what the booklet for
XYZ(41.7412, 40.5410, 54.2649)
contains.

XYZ(41.5718, 40.3313, 54.3088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.5718, 40.3313,
54.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A5BE
RGB	180, 165, 190
RGB Percent	71%, 65%, 75%
CMY	0.2941, 0.3529, 0.2549
CMYK	0.05, 0.13, 0.00, 0.25
HSL	276°, 16%, 70%
HSV	276°, 13%, 75%
XYZ	41.5718, 40.3313, 54.3088
YIQ	172.3350, 0.9150, 10.9550

Conversions

Conversions Part 2

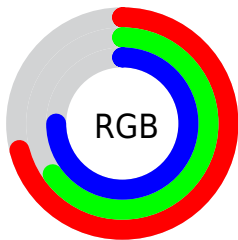
Format	Color
RYB	180, 165, 190
Decimal	11838910
CIELab	69.70, 10.12, -10.84
CIELCh	70, 14.834, 313.027
Yxy	40.3313, 0.3052, 0.2961
Android (android.graphics.Color)	4290028990 (0xFFB4A5BE)
YUV	172.3350, 8.7088, 6.7222
Hunter-Lab	63.5069, 5.7094, -6.2478

Details

The XYZ color **41.5718, 40.3313, 54.3088** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.8856, 48.6585, 42.7310**, and the grayscale version is **39.3403, 41.3891, 45.0727**.

A 20% lighter version of the original color is **76.8198, 75.6731, 97.7463**, and **19.1729, 18.1284, 26.1555** is the 20% darker color. If you saturate the color by 10%, you get **36.6753, 33.0929, 53.1703**, and if you desaturate by 10%, it is **47.0769, 48.6414, 55.6233**.

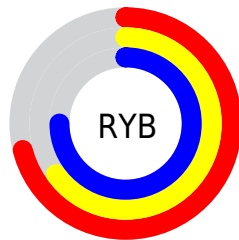
Distribution



Red (71%)

Green (65%)

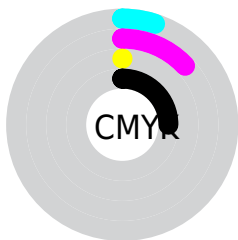
Blue (75%)



Red (71%)

Yellow (65%)

Blue (75%)

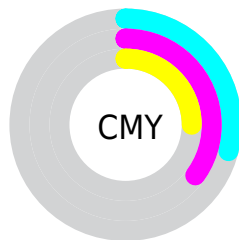


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5718, 40.3313, 54.3088 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 41.5718, 40.3313, 54.3088 by changing the saturation by 10% instead.


 41.5718, 40.3313,
54.3088


 41.5718, 40.3313,
54.3088


343.7267,
347.5180, 420.4943

 28.9558, 27.7969,
38.4537


 76.8204, 75.6677,
97.9885

 19.1915, 18.1727,
26.0305


 100.1837, 99.2386,
126.6502

 11.9136, 11.0740,
16.6205

127.8601,
127.2571, 160.4178

 6.7566, 6.1166,
9.8052

160.2150,
160.1077, 199.7100

 3.3553, 2.9161,
5.1661

197.6138,
198.1746, 244.9451

 1.3443, 1.0881,
2.2846

240.4217,

 0.2160, 0.0000,

241.8424, 296.5419

0.7226

289.0043,
291.4954, 354.9188

■ 0.0000, 0.0000,
0.0000

■ 41.5718, 40.3313,
54.3088

■ 41.5718, 40.3313,
54.3088

■ 36.6753, 33.0929,
53.1703

■ 47.0769, 48.6414,
55.6233

■ 32.3598, 26.8755,
52.1977

■ 53.2095, 58.0609,
57.1182

■ 28.6009, 21.6319,
51.3837

■ 59.9920, 68.6316,
58.8011

■ 25.3710, 17.3092,
50.7196

■ 67.4446, 80.3921,
60.6783

■ 22.6398, 13.8492,
50.1957

■ 73.9692, 90.1439,
62.2167

■ 20.3734, 11.1868,
49.8012

■ 76.2948, 91.3428,
62.3255

■ 18.5331, 9.2474,
49.5239

■ 78.7260, 92.5961,
62.4393

■ 17.0730, 7.9415,
49.3488

■ 81.2641, 93.9045,
62.5581

■ 16.2331, 7.2948,
49.2682

■ 83.9104, 95.2688,
62.6819

Harmonies

Analogous

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



39.3841, 40.3313, 58.1000



41.5718, 40.3313, 54.3088



42.9222, 40.3313, 47.8888

Triad

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



41.5718, 40.3313, 54.3088



39.6976, 40.3313, 32.4404



34.0084, 40.3313, 46.9631

Complementary

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



41.5718, 40.3313, 54.3088



42.8856, 48.6585, 42.7310

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.



34.0844, 40.3313, 40.1653



41.5718, 40.3313, 54.3088



37.3021, 40.3313, 32.2482

Square

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



41.5718, 40.3313, 54.3088



41.8095, 40.3313, 35.4938



35.2683, 40.3313, 34.9381



35.0560, 40.3313, 53.5704

Rectangle

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



41.5718, 40.3313, 54.3088



43.1325, 40.3313, 43.2192



35.2683, 40.3313, 34.9381



33.9047, 40.3313, 44.6161

Sweetspot

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



41.5730, 40.3330, 54.3097



84.3566, 86.6943, 100.5667



40.2241, 42.5411, 54.8070



18.3500, 18.7729, 22.0417



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.



41.5730, 40.3330, 54.3097



72.4659, 68.8140, 97.7422



43.7596, 41.4864, 53.2319



9.5506, 9.5007, 12.0027



10.8844, 4.8972, 32.7645



0.4983, 0.2289, 1.2868

Inverse Universe

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



42.4296, 40.9544, 46.2281



74.3833, 70.1999, 79.8705



40.9147, 47.6204, 43.6368



9.6840, 9.5979, 10.7251



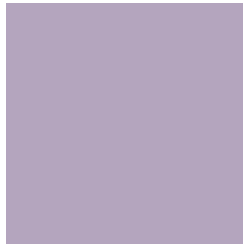
15.0243, 7.6409, 5.4216



0.6209, 0.3123, 0.3832

Previews

White Background



This preview shows how the XYZ color 41.5718, 40.3313, 54.3088 looks on a white background.

Color Contrast Check

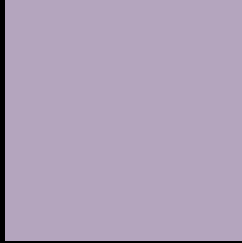
Large Text (above 18pt) WCAG AA × Fail

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 41.5718, 40.3313, 54.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

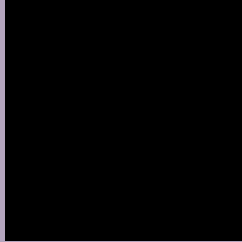
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5718, 40.3313, 54.3088

Background



This preview shows how black text looks on a background with the XYZ color 41.5718, 40.3313, 54.3088.



This preview shows how white text looks on a background with the XYZ color 41.5718, 40.3313,

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

41.5718, 40.3313, 54.3088

Protanopia

39.7500, 40.4417, 56.1631

Deuteranopia

41.2906, 40.4551, 54.3476



Tritanopia

40.4170, 40.3977, 48.8473

Trichromacy



Original Color

41.5718, 40.3313, 54.3088

Protanomaly

40.5303, 40.5817, 55.5660

Deuteranomaly

41.5209, 40.5738, 54.3583

Tritanomaly

40.8784, 40.3168, 50.9748

Monochromacy



Original Color

41.5718, 40.3313, 54.3088

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.0038, 40.7446, 48.4039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5718, 40.3313, 54.3088 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(180, 165, 190)` looks like.

```
.text, #text, p{  
    color:rgb(180, 165, 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(180, 165, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 165, 190) }
```

Border

The CSS property to change the border of an element to XYZ 41.5718, 40.3313, 54.3088 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(180, 165, 190) }
```


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

```
.border{ border-color:rgb(180, 165, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 165, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 165, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 165, 190);  
box-shadow:4px 4px 4px 4px rgb(180, 165,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5718, 40.3313, 54.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 165, 190) }
```

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

```
.background{ background-color: rgb(180,  
165, 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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