

Converting Colors

XYZ(40.7085, 45.0749, 54.1317)

Have a look what the booklet for
XYZ(40.7085, 45.0749, 54.1317)
contains.

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Color

**XYZ(40.7085, 45.0749,
54.1317)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B7BC
RGB	161, 183, 188
RGB Percent	63%, 72%, 74%
CMY	0.3686, 0.2823, 0.2627
CMYK	0.14, 0.03, 0.00, 0.26
HSL	191°, 17%, 68%
HSV	191°, 14%, 74%
XYZ	40.7085, 45.0749, 54.1317
YIQ	176.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

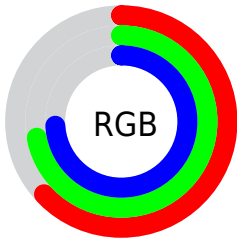
Format	Color
R_{YB}	161, 173, 188
Decimal	10598332
CIE _{Lab}	72.94, -6.47, -5.09
CIE _{LCh}	73, 8.236, 218.186
Yxy	45.0749, 0.2910, 0.3222
Android (android.graphics.Color)	4288788412 (0xFFA1B7BC)
YUV	176.9920, 5.4269, -14.0250
Hunter-Lab	67.1378, -9.2592, -0.8077

Details

The XYZ color **40.7085, 45.0749, 54.1317** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8085, 40.5368, 39.3925**, and the grayscale version is **41.7647, 43.9398, 47.8504**.

A 20% lighter version of the original color is **75.5145, 82.8636, 97.6022**, and **18.6625, 20.9657, 25.9848** is the 20% darker color. If you saturate the color by 10%, you get **36.4926, 41.8504, 53.7322**, and if you desaturate by 10%, it is **45.5145, 48.6323, 54.5658**.

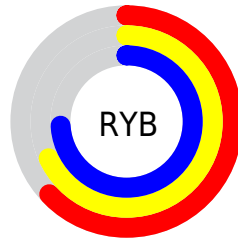
Distribution



Red (63%)

Green (72%)

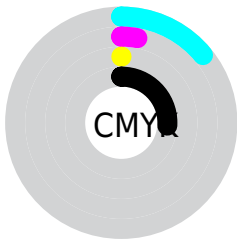
Blue (74%)



Red (63%)

Yellow (68%)

Blue (74%)

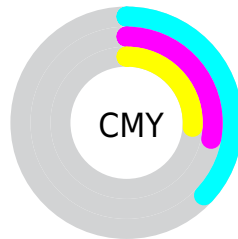


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (26%)



Cyan (37%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7085, 45.0749, 54.1317 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 40.7085, 45.0749, 54.1317 by changing the saturation by 10% instead.

■ 40.7085, 45.0749,
54.1317

■ 40.7085, 45.0749,
54.1317

340.1843,
367.0768, 419.8008

■ 28.2780, 31.5164,
38.3131

■ 75.5187, 82.8328,
97.7259

■ 18.6769, 20.9924,
25.9220

■ 98.6291, 107.8010,
126.3386

■ 11.5397, 13.1185,
16.5401

126.0303,
137.3413, 160.0531

■ 6.5010, 7.5102,
9.7487

158.0875,
171.8379, 199.2879

■ 3.1956, 3.7831,
5.1292

195.1662,
211.6754, 244.4615

■ 1.2580, 1.5530,
2.2632

237.6316,

■ 0.1515, 0.3256,

257.2381, 295.9925

0.7105

285.8492,
308.9105, 354.2994

■ 0.0000, 0.0000,
0.0000

■ 40.7085, 45.0749,
54.1317

■ 40.7085, 45.0749,
54.1317

■ 36.4926, 41.8504,
53.7322

■ 45.5145, 48.6323,
54.5658

■ 32.8373, 38.9398,
53.3631

■ 50.9304, 52.5296,
55.0326

■ 29.7165, 36.3308,
53.0240

■ 56.9801, 56.7803,
55.5342

■ 27.1006, 34.0078,
52.7135

■ 63.6851, 61.3956,
56.0716

■ 24.9568, 31.9537,
52.4300

■ 71.0647, 66.3859,
56.6459

■ 23.2483, 30.1495,
52.1718

■ 71.8820, 68.0203,
56.9183

■ 21.9329, 28.5730,
51.9368

■ 72.7176, 69.6917,
57.1969

■ 20.9593, 27.1978,
51.7227

■ 73.5719, 71.4003,
57.4816

■ 20.5021, 26.4807,
51.6084

■ 74.4449, 73.1463,
57.7726

Harmonies

Analogous

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



40.1670, 45.0749, 50.2135



40.7085, 45.0749, 54.1317



41.8245, 45.0749, 56.7925

Triad

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



40.7085, 45.0749, 54.1317



45.4572, 45.0749, 52.0764



42.4504, 45.0749, 41.6605

Complementary

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



40.7085, 45.0749, 54.1317



40.8085, 40.5368, 39.3925

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.



43.8766, 45.0749, 42.0974



40.7085, 45.0749, 54.1317



45.6339, 45.0749, 47.9615

Square

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



40.7085, 45.0749, 54.1317



44.5721, 45.0749, 55.5605



45.0495, 45.0749, 44.3507



41.1579, 45.0749, 43.1221

Rectangle

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



40.7085, 45.0749, 54.1317



42.7550, 45.0749, 57.4145



45.0495, 45.0749, 44.3507



42.9298, 45.0749, 41.5918

Sweetspot

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



40.7098, 45.0768, 54.1327



82.7614, 88.3377, 98.9151



39.5602, 46.2956, 42.9040



17.6473, 18.8871, 21.2580



90.7827, 95.5105, 104.0109



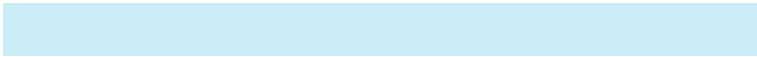
18.6292, 19.5994, 21.3438

Same Dimension

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



40.7098, 45.0768, 54.1327



71.4421, 79.9276, 97.8884



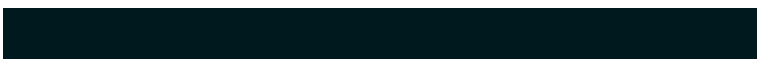
38.0663, 39.7897, 53.2515



9.6544, 10.5011, 12.1903



14.0092, 18.1301, 35.1540



0.5884, 0.7894, 1.3902

Inverse Universe

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



42.0321, 39.6009, 50.2304



74.2862, 68.2955, 89.4626



43.3832, 45.6862, 40.2507



9.8522, 9.6652, 11.6104



18.0719, 8.8599, 21.4703



0.7279, 0.3550, 0.9463

Previews

White Background



This preview shows how the XYZ color 40.7085, 45.0749, 54.1317 looks on a white background.

Color Contrast Check

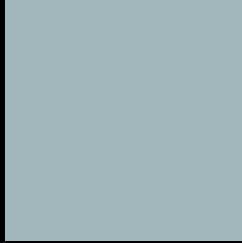
Large Text (above 18pt) WCAG AA × Fail

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 40.7085, 45.0749, 54.1317 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

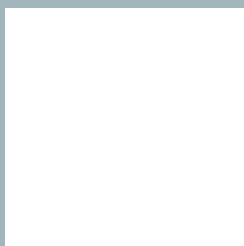
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7085, 45.0749, 54.1317

Background



This preview shows how black text looks on a background with the XYZ color 40.7085, 45.0749, 54.1317.



This preview shows how white text looks on a background with the XYZ color 40.7085, 45.0749,

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

40.7085, 45.0749, 54.1317

Protanopia

43.4997, 45.0469, 52.3012

Deuteranopia

45.9162, 45.0662, 54.9938



Tritanopia

41.5920, 45.1228, 58.7420

Trichromacy



Original Color

40.7085, 45.0749, 54.1317

Protanomaly

42.4178, 45.0719, 52.9185

Deuteranomaly

43.7298, 44.8217, 54.4908

Tritanomaly

41.2539, 44.9875, 56.9612

Monochromacy



Original Color

40.7085, 45.0749, 54.1317

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.2552, 44.2343, 50.0798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7085, 45.0749, 54.1317 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(161, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(161, 183, 188)  
}
```

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(161, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 183, 188) }
```

Border

The CSS property to change the border of an element to XYZ 40.7085, 45.0749, 54.1317 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(161, 183, 188) }
```


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

```
.border{ border-color:rgb(161, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(161, 183,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7085, 45.0749, 54.1317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 183, 188) }
```

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

```
.background{ background-color: rgb(161,  
183, 188) }
```

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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