

Converting Colors

XYZ(33.3917, 40.3816, 54.1786)

Have a look what the booklet for
XYZ(33.3917, 40.3816, 54.1786)
contains.

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Color

**XYZ(33.3917, 40.3816,
54.1786)**

Conversions

Conversions Part 1

Format	Color
Hex	79B4BD
RGB	121, 180, 189
RGB Percent	47%, 71%, 74%
CMY	0.5255, 0.2941, 0.2588
CMYK	0.36, 0.05, 0.00, 0.26
HSL	188°, 34%, 61%
HSV	188°, 36%, 74%
XYZ	33.3917, 40.3816, 54.1786
YIQ	163.3850, -38.0530, -9.7090

Conversions

Conversions Part 2

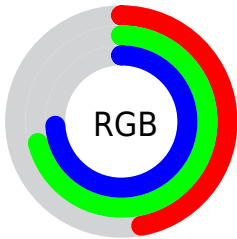
Format	Color
RYB	121, 153, 189
Decimal	7976125
CIELab	69.74, -16.76, -10.66
CIELCh	70, 19.864, 212.441
Yxy	40.3816, 0.2610, 0.3156
Android (android.graphics.Color)	4286166205 (0xFF79B4BD)
YUV	163.3850, 12.6282, -37.1716
Hunter-Lab	63.5465, -17.4103, -6.0670

Details

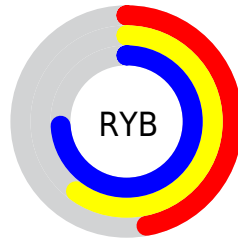
The XYZ color **33.3917, 40.3816, 54.1786** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.4206, 28.1649, 21.8177**, and the grayscale version is **34.9507, 36.7709, 40.0435**.

A 20% lighter version of the original color is **64.3814, 75.8136, 97.6264**, and **14.4172, 18.1853, 26.0428** is the 20% darker color. If you saturate the color by 10%, you get **30.4981, 38.1481, 53.9007**, and if you desaturate by 10%, it is **36.8157, 42.9040, 54.4857**.

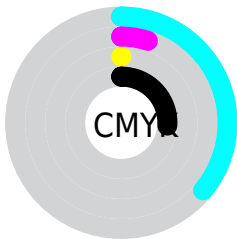
Distribution



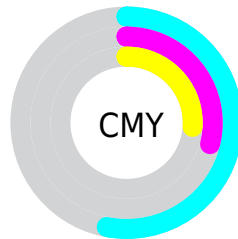
- Red (47%)
- Green (71%)
- Blue (74%)



- Red (47%)
- Yellow (60%)
- Blue (74%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (53%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3917, 40.3816, 54.1786 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 33.3917, 40.3816, 54.1786 by changing the saturation by 10% instead.

■ 33.3917, 40.3816,
54.1786

■ 33.3917, 40.3816,
54.1786

309.0449,
347.7293, 419.9846

■ 22.5874, 27.8362,
38.3503

■ 64.3372, 75.7442,
97.7955

■ 14.4081, 18.2022,
25.9508

■ 85.2090, 99.3303,
126.4211

■ 8.4887, 11.0953,
16.5614

■ 110.1674,
127.3653, 160.1497

■ 4.4636, 6.1309,
9.7636

139.5777,
160.2338, 199.3997

■ 1.9676, 2.9249,
5.1390

173.8052,
198.3200, 244.5896

■ 0.6157, 1.0926,
2.2689

213.2154,

■ 0.0000, 0.0000,

242.0084, 296.1380

0.7137

258.1735,
291.6834, 354.4635

■ 0.0000, 0.0000,
0.0000

■ 33.3917, 40.3816,
54.1786

■ 33.3917, 40.3816,
54.1786

■ 30.4981, 38.1481,
53.9007

■ 36.8157, 42.9040,
54.4857

■ 28.1009, 36.1829,
53.6477

■ 40.7945, 45.7251,
54.8205

■ 26.1675, 34.4703,
53.4190

■ 45.3554, 48.8599,
55.1852

■ 24.6601, 32.9905,
53.2129

■ 50.5226, 52.3210,
55.5809

■ 23.5346, 31.7210,
53.0271

■ 56.3192, 56.1203,
56.0088

■ 22.7353, 30.6327,
52.8592

■ 62.7669, 60.2692,
56.4697

■ 22.4594, 30.2222,
52.7945

■ 69.8863, 64.7783,
56.9649

■ 71.0822, 66.2478,
57.1855

■ 71.6663, 67.4158,
57.3801

Harmonies

Analogous

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



32.5243, 40.3816, 44.7279



33.3917, 40.3816, 54.1786



35.5887, 40.3816, 61.6285

Triad

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



33.3917, 40.3816, 54.1786



44.1338, 40.3816, 52.6897



38.1185, 40.3816, 28.5311

Complementary

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



33.3917, 40.3816, 54.1786



32.4206, 28.1649, 21.8177

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.



41.3167, 40.3816, 30.0527



33.3917, 40.3816, 54.1786



44.9028, 40.3816, 43.2181

Square

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



33.3917, 40.3816, 54.1786



41.7981, 40.3816, 60.6879



43.8452, 40.3816, 35.1295



35.1564, 40.3816, 30.6422

Rectangle

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



33.3917, 40.3816, 54.1786



37.5731, 40.3816, 63.9839



43.8452, 40.3816, 35.1295



39.2014, 40.3816, 28.6346

Sweetspot

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



33.3929, 40.3832, 54.1795



76.8515, 84.5169, 98.4891



30.0416, 42.0441, 27.2785



16.2917, 18.0131, 21.1608



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.



33.3929, 40.3832, 54.1795



55.7279, 69.1952, 96.6451



27.5154, 28.6282, 52.2204



9.6980, 10.5883, 12.2048



15.1514, 20.4145, 35.5347



0.6238, 0.8603, 1.4020

Inverse Universe

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



36.0628, 27.7898, 46.6451



61.3025, 43.7596, 80.7213



37.5236, 38.3709, 23.5186



9.8742, 9.6740, 11.7264



18.6485, 9.0905, 24.5063



0.7458, 0.3622, 1.0405

Previews

White Background



This preview shows how the XYZ color 33.3917, 40.3816, 54.1786 looks on a white background.

Color Contrast Check

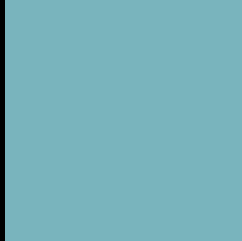
Large Text (above 18pt) WCAG AA × Fail

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 33.3917, 40.3816, 54.1786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

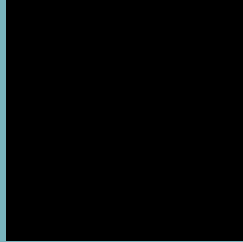
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.3917, 40.3816, 54.1786

Background



This preview shows how black text looks on a background with the XYZ color 33.3917, 40.3816, 54.1786.

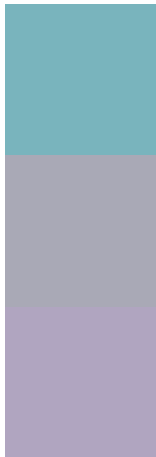


This preview shows how white text looks on a background with the XYZ color 33.3917, 40.3816,

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

33.3917, 40.3816, 54.1786

Protanopia

38.9937, 40.1883, 49.9579

Deuteranopia

40.8741, 39.9461, 55.4253



Tritanopia

33.8837, 40.2728, 57.0265

Trichromacy



Original Color

33.3917, 40.3816, 54.1786

Protanomaly

36.6494, 40.0653, 51.7007

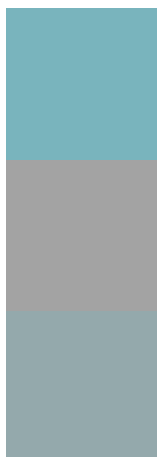
Deuteranomaly

37.4890, 39.5790, 54.9538

Tritanomaly

33.6606, 40.1835, 55.8513

Monochromacy



Original Color

33.3917, 40.3816, 54.1786

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.8471, 37.6504, 44.5130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3917, 40.3816, 54.1786 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(121, 180, 189)` looks like.

```
.text, #text, p{  
    color:rgb(121, 180, 189)  
}
```

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(121, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 180, 189) }
```

Border

The CSS property to change the border of an element to XYZ 33.3917, 40.3816, 54.1786 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(121, 180, 189) }
```


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

```
.border{ border-color:rgb(121, 180, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 180, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 180, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 180, 189);  
box-shadow:4px 4px 4px 4px rgb(121, 180,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3917, 40.3816, 54.1786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 180, 189) }
```

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

```
.background{ background-color: rgb(121,  
180, 189) }
```

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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