

Converting Colors

XYZ(34.3918, 41.9027, 51.5844)

Have a look what the booklet for
XYZ(34.3918, 41.9027, 51.5844)
contains.

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Color

**XYZ(34.3376, 41.8397,
51.6135)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB7B8
RGB	127, 183, 184
RGB Percent	50%, 72%, 72%
CMY	0.5020, 0.2823, 0.2784
CMYK	0.31, 0.01, 0.00, 0.28
HSL	181°, 29%, 61%
HSV	181°, 31%, 72%
XYZ	34.3376, 41.8397, 51.6135
YIQ	166.3700, -33.6970, -11.5610

Conversions

Conversions Part 2

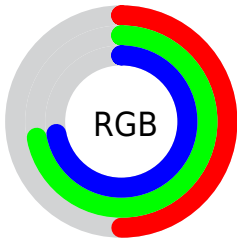
Format	Color
RYB	127, 155, 184
Decimal	8370104
CIELab	70.76, -17.86, -6.36
CIELCh	71, 18.957, 199.589
Yxy	41.8397, 0.2687, 0.3274
Android (android.graphics.Color)	4286560184 (0xFF7FB7B8)
YUV	166.3700, 8.6916, -34.5275
Hunter-Lab	64.6836, -18.4388, -2.0312

Details

The XYZ color **34.3376, 41.8397, 51.6135** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.3176, 27.1613, 23.6715**, and the grayscale version is **36.3964, 38.2919, 41.6999**.

A 20% lighter version of the original color is **65.8861, 77.9694, 94.0151**, and **14.9810, 19.0998, 24.3698** is the 20% darker color. If you saturate the color by 10%, you get **31.7776, 40.4225, 51.4756**, and if you desaturate by 10%, it is **37.4007, 43.5186, 51.7768**.

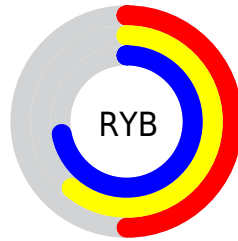
Distribution



Red (50%)

Green (72%)

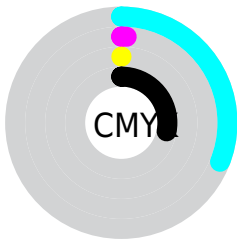
Blue (72%)



Red (50%)

Yellow (61%)

Blue (72%)

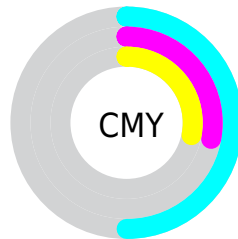


Cyan (31%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3376, 41.8397, 51.6135 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 34.3376, 41.8397, 51.6135 by changing the saturation by 10% instead.

■ 34.3376, 41.8397,
51.6135

■ 34.3376, 41.8397,
51.6135

313.1943,
353.8180, 409.8571

■ 23.3172, 28.9758,
36.3170

■ 65.7991, 77.9570,
93.9818

■ 14.9499, 19.0625,
24.3875

■ 86.9710, 101.9791,
121.8906

■ 8.8703, 11.7155,
15.4064

■ 112.2573,
130.4894, 154.8406

■ 4.7131, 6.5502,
8.9554

142.0235,
163.8724, 193.2503

■ 2.1130, 3.1825,
4.6157

176.6350,
202.5123, 237.5382

■ 0.6962, 1.2277,
1.9688

216.4570,

■ 0.0000, 0.0842,

246.7936, 288.1230

0.5360

261.8550,
297.1007, 345.4231

■ 0.0000, 0.0000,
0.0000

■ 34.3376, 41.8397,
51.6135

■ 34.3376, 41.8397,
51.6135

■ 31.7776, 40.4225,
51.4756

■ 37.4007, 43.5186,
51.7768

■ 29.6896, 39.2478,
51.3589

■ 40.9884, 45.4671,
51.9638

■ 28.0452, 38.3020,
51.2630

■ 45.1254, 47.6990,
52.1766

■ 26.8109, 37.5679,
51.1864

■ 49.8338, 50.2257,
52.4161

■ 25.9490, 37.0259,
51.1272

■ 55.1345, 53.0579,
52.6834

■ 25.4143, 36.6529,
51.0834

■ 61.0473, 56.2060,
52.9794

■ 25.1311, 36.4192,
51.0532

■ 67.2949, 59.5268,
53.2911

■ 67.3625, 59.6620,
53.3136

■ 67.4302, 59.7975,
53.3362

Harmonies

Analogous

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



34.1110, 41.8397, 42.4977



34.3376, 41.8397, 51.6135



35.9744, 41.8397, 60.0574

Triad

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



34.3376, 41.8397, 51.6135



44.5521, 41.8397, 57.7317



40.8702, 41.8397, 30.5566

Complementary

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



34.3376, 41.8397, 51.6135



31.3176, 27.1613, 23.6715

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.



43.8180, 41.8397, 33.6003



34.3376, 41.8397, 51.6135



46.0169, 41.8397, 48.7582

Square

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



34.3376, 41.8397, 51.6135



41.8297, 41.8397, 63.8994



45.7414, 41.8397, 39.9926



37.7740, 41.8397, 31.1096

Rectangle

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



34.3376, 41.8397, 51.6135



37.6954, 41.8397, 63.7931



45.7414, 41.8397, 39.9926



41.9140, 41.8397, 31.1755

Sweetspot

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



34.3388, 41.8414, 51.6145



75.5960, 83.1204, 94.2641



29.7867, 40.3510, 26.6242



16.0752, 17.7991, 20.3099



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.3388, 41.8414, 51.6145



59.0657, 74.0888, 93.3921



29.0515, 31.2668, 49.8520



9.2528, 10.1829, 11.5573



17.3256, 25.1110, 35.1868



0.6151, 0.8938, 1.2419

Inverse Universe

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



35.9048, 28.7889, 48.4661



62.3561, 46.7913, 86.7476



35.5628, 35.6517, 25.0866



9.3740, 9.1600, 11.3167



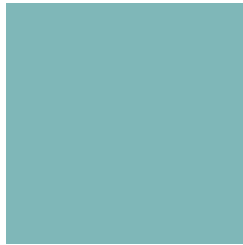
19.3589, 9.3173, 30.8402



0.6846, 0.3293, 1.0986

Previews

White Background



This preview shows how the XYZ color 34.3376, 41.8397, 51.6135 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 34.3376, 41.8397, 51.6135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

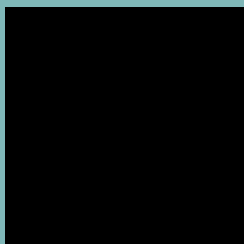
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

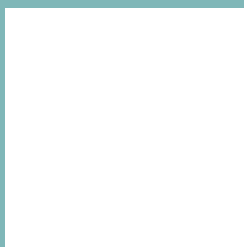
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3376, 41.8397, 51.6135

Background



This preview shows how black text looks on a background with the XYZ color 34.3376, 41.8397, 51.6135.



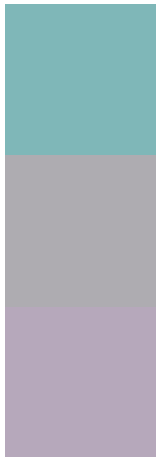
This preview shows how white text looks on a background with the XYZ color 34.3376, 41.8397,

51.6135.

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

34.3376, 41.8397, 51.6135

Protanopia

40.1439, 41.6780, 47.5238

Deuteranopia

42.2637, 41.5382, 52.8038



Tritanopia

35.6936, 41.7791, 58.4075

Trichromacy



Original Color

34.3376, 41.8397, 51.6135

Protanomaly

37.6682, 41.5141, 49.2077

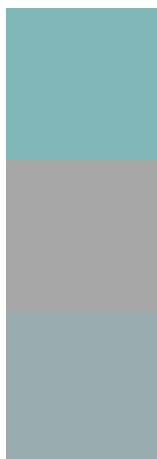
Deuteranomaly

38.7068, 41.1137, 52.3500

Tritanomaly

35.2956, 41.9288, 56.1020

Monochromacy



Original Color

34.3376, 41.8397, 51.6135

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.2442, 39.1976, 45.2435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3376, 41.8397, 51.6135 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(127, 183, 184)` looks like.

```
.text, #text, p{  
    color:rgb(127, 183, 184)  
}
```

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(127, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 183, 184) }
```

Border

The CSS property to change the border of an element to XYZ 34.3376, 41.8397, 51.6135 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(127, 183, 184) }
```


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

```
.border{ border-color:rgb(127, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(127, 183,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3376, 41.8397, 51.6135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 183, 184) }
```

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

```
.background{ background-color: rgb(127,  
183, 184) }
```

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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