

Converting Colors

XYZ(34.2999, 43.1811, 53.9240)

Have a look what the booklet for
XYZ(34.2999, 43.1811, 53.9240)
contains.

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Color

**XYZ(34.3964, 43.3792,
54.1371)**

Conversions

Conversions Part 1

Format	Color
Hex	75BCBC
RGB	117, 188, 188
RGB Percent	46%, 74%, 74%
CMY	0.5412, 0.2627, 0.2627
CMYK	0.38, 0.00, 0.00, 0.26
HSL	180°, 35%, 60%
HSV	180°, 38%, 74%
XYZ	34.3964, 43.3792, 54.1371
YIQ	166.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

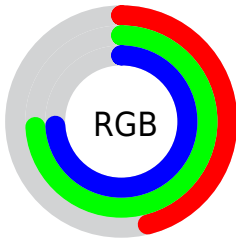
Format	Color
RYB	117, 153, 188
Decimal	7716028
CIELab	71.81, -22.19, -7.04
CIELCh	72, 23.279, 197.614
Yxy	43.3792, 0.2608, 0.3288
Android (android.graphics.Color)	4285906108 (0xFF75BCBC)
YUV	166.7710, 10.4659, -43.6492
Hunter-Lab	65.8629, -22.0398, -2.6304

Details

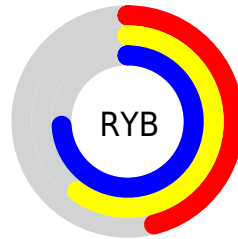
The XYZ color **34.3964, 43.3792, 54.1371** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.3127, 24.6995, 20.0009**, and the grayscale version is **36.5857, 38.4910, 41.9167**.

A 20% lighter version of the original color is **65.6931, 80.0037, 97.5678**, and **14.9482, 19.8562, 25.9665** is the 20% darker color. If you saturate the color by 10%, you get **32.1200, 42.2067, 54.0312**, and if you desaturate by 10%, it is **37.1826, 44.8166, 54.2688**.

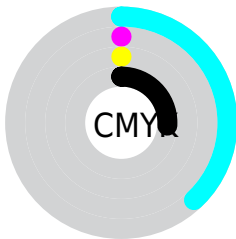
Distribution



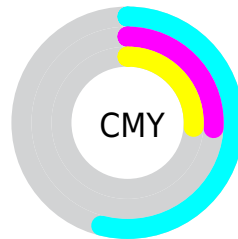
- Red (46%)
- Green (74%)
- Blue (74%)



- Red (46%)
- Yellow (60%)
- Blue (74%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3964, 43.3792, 54.1371 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 34.3964, 43.3792, 54.1371 by changing the saturation by 10% instead.

■ 34.3964, 43.3792,
54.1371

■ 34.3964, 43.3792,
54.1371

313.4509,
360.1689, 419.8220

■ 23.3626, 30.1828,
38.3174

■ 65.8898, 80.2828,
97.7339

■ 14.9837, 19.9773,
25.9254

■ 87.0802, 104.7587,
126.3481

■ 8.8942, 12.3786,
16.5425

■ 112.3868,
133.7632, 160.0642

■ 4.7288, 7.0021,
9.7504

142.1750,
167.6808, 199.3007

■ 2.1221, 3.4634,
5.1303

176.8102,
206.8957, 244.4762

■ 0.7012, 1.3782,
2.2639

216.6576,

■ 0.0000, 0.2006,

251.7925, 296.0092

0.7109

262.0827,
302.7554, 354.3183

■ 0.0000, 0.0000,
0.0000

■ 34.3964, 43.3792,
54.1371

■ 34.3964, 43.3792,
54.1371

■ 32.1200, 42.2067,
54.0312

■ 37.1826, 44.8166,
54.2688

■ 30.3191, 41.2783,
53.9466

■ 40.5029, 46.5283,
54.4245

■ 28.9611, 40.5783,
53.8827

■ 44.3844, 48.5292,
54.6064

■ 28.0077, 40.0868,
53.8378

■ 48.8514, 50.8320,
54.8158

■ 27.4143, 39.7809,
53.8097

■ 53.9267, 53.4485,
55.0537

■ 27.1134, 39.6258,
53.7953

■ 59.6321, 56.3897,
55.3210

■ 27.0608, 39.5987,
53.7928

■ 65.9879, 59.6662,
55.6187

■ 68.3017, 60.8590,
55.7273

■ 68.3018, 60.8590,
55.7277

Harmonies

Analogous

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



34.2375, 43.3792, 42.7116



34.3964, 43.3792, 54.1371



36.3118, 43.3792, 65.2223

Triad

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



34.3964, 43.3792, 54.1371



47.1089, 43.3792, 63.4952



42.8841, 43.3792, 28.9879

Complementary

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



34.3964, 43.3792, 54.1371



30.3127, 24.6995, 20.0009

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.



46.5747, 43.3792, 32.8982



34.3964, 43.3792, 54.1371



49.1165, 43.3792, 52.0618

Square

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



34.3964, 43.3792, 54.1371



43.5758, 43.3792, 71.1909



48.9150, 43.3792, 40.9416



38.9711, 43.3792, 29.3610

Rectangle

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



34.3964, 43.3792, 54.1371



38.4006, 43.3792, 70.3783



48.9150, 43.3792, 40.9416



44.1964, 43.3792, 29.8153

Sweetspot

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



34.3977, 43.3809, 54.1381



77.9179, 86.6499, 98.8439



28.6915, 41.1169, 23.2546



16.5484, 18.5267, 21.2462



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.



34.3977, 43.3809, 54.1381



58.9762, 76.8851, 97.9555



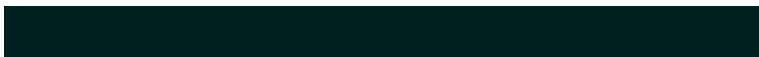
27.9179, 30.4209, 51.9793



9.8086, 10.8096, 12.2416



18.4237, 26.9598, 36.6235



0.7217, 1.0560, 1.4346

Inverse Universe

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



30.3127, 24.6995, 20.0009



50.5484, 38.3434, 27.5271



35.0691, 34.2125, 21.5858



9.5302, 9.5364, 9.9151



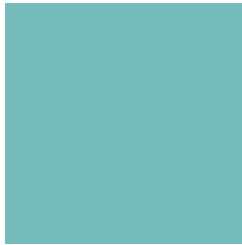
14.1203, 7.2793, 0.6610



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 34.3964, 43.3792, 54.1371 looks on a white background.

Color Contrast Check

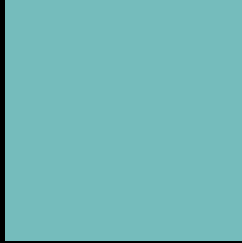
Large Text (above 18pt) WCAG AA × Fail

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 34.3964, 43.3792, 54.1371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

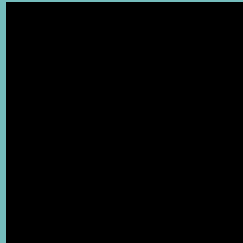
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3964, 43.3792, 54.1371

Background



This preview shows how black text looks on a background with the XYZ color 34.3964, 43.3792, 54.1371.

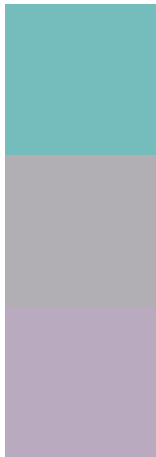


This preview shows how white text looks on a background with the XYZ color 34.3964, 43.3792,

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

34.3964, 43.3792, 54.1371

Protanopia

41.5057, 42.9145, 49.2758

Deuteranopia

43.8967, 42.8695, 55.8302



Tritanopia

35.8472, 43.3279, 61.7321

Trichromacy



Original Color

34.3964, 43.3792, 54.1371

Protanomaly

38.1849, 42.6277, 51.0151

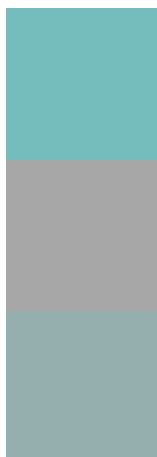
Deuteranomaly

39.6233, 42.6795, 55.4398

Tritanomaly

35.3419, 43.4481, 58.7482

Monochromacy



Original Color

34.3964, 43.3792, 54.1371

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.4623, 40.1447, 46.4371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3964, 43.3792, 54.1371 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(117, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(117, 188, 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(117, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 188, 188) }
```

Border

The CSS property to change the border of an element to XYZ 34.3964, 43.3792, 54.1371 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(117, 188, 188) }
```


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

```
.border{ border-color:rgb(117, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(117, 188,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3964, 43.3792, 54.1371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 188, 188) }
```

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

```
.background{ background-color: rgb(117,  
188, 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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