

Converting Colors

XYZ(33.0768, 43.8462, 57.1517)

Have a look what the booklet for
XYZ(33.0768, 43.8462, 57.1517)
contains.

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Color

**XYZ(33.0914, 43.9292,
57.1872)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC0C1
RGB	94, 192, 193
RGB Percent	37%, 75%, 76%
CMY	0.6314, 0.2470, 0.2431
CMYK	0.51, 0.01, 0.00, 0.24
HSL	181°, 44%, 56%
HSV	181°, 51%, 76%
XYZ	33.0914, 43.9292, 57.1872
YIQ	162.8120, -58.7290, -20.4650

Conversions

Conversions Part 2

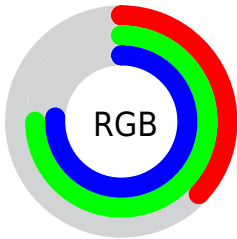
Format	Color
RYB	94, 143, 193
Decimal	6209729
CIELab	72.18, -28.35, -9.33
CIELCh	72, 29.841, 198.217
Yxy	43.9292, 0.2466, 0.3273
Android (android.graphics.Color)	4284399809 (0xFF5EC0C1)
YUV	162.8120, 14.8827, -60.3481
Hunter-Lab	66.2791, -26.8681, -4.7615

Details

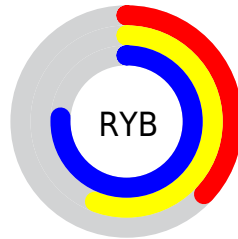
The XYZ color **33.0914, 43.9292, 57.1872** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **28.1058, 20.3309, 13.0338**, and the grayscale version is **34.6772, 36.4831, 39.7301**.

A 20% lighter version of the original color is **63.9235, 81.2663, 101.9394**, and **14.2481, 20.2900, 27.9764** is the 20% darker color. If you saturate the color by 10%, you get **31.3120, 42.9495, 57.0927**, and if you desaturate by 10%, it is **35.3683, 45.1675, 57.3070**.

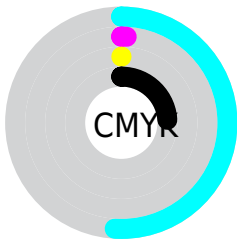
Distribution



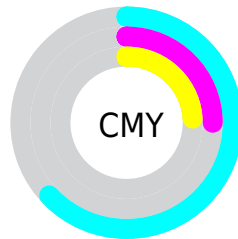
- Red (37%)
- Green (75%)
- Blue (76%)



- Red (37%)
- Yellow (56%)
- Blue (76%)



- Cyan (51%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (63%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0914, 43.9292, 57.1872 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 33.0914, 43.9292, 57.1872 by changing the saturation by 10% instead.

■ 33.0914, 43.9292,
57.1872

■ 33.0914, 43.9292,
57.1872

307.7191,
362.4193, 431.6638

■ 22.3560, 30.6149,
40.7452

■ 63.8719, 81.1112,
102.2413

■ 14.2368, 20.3057,
27.8018

■ 84.6478, 105.7476,
131.6905

■ 8.3684, 12.6175,
17.9386

■ 109.5012,
134.9269, 166.3126

■ 4.3853, 7.1657,
10.7369

■ 138.7976,
169.0334, 206.5259

■ 1.9224, 3.5659,
5.7783

172.9022,
208.4514, 252.7492

■ 0.5898, 1.4338,
2.6441

212.1804,

■ 0.0000, 0.2415,

253.5655, 305.4009

0.9151

256.9976,
304.7600, 364.8996

■ 0.0000, 0.0000,
0.0000

■ 33.0914, 43.9292,
57.1872

■ 33.0914, 43.9292,
57.1872

■ 31.3120, 42.9495,
57.0927

■ 35.3683, 45.1675,
57.3070

■ 29.9886, 42.2039,
57.0185

■ 38.1724, 46.6766,
57.4505

■ 29.0794, 41.6720,
56.9637

■ 41.5358, 48.4742,
57.6202

■ 28.5333, 41.3273,
56.9260

■ 45.4869, 50.5748,
57.8174

■ 28.2686, 41.1360,
56.9030

■ 50.0523, 52.9921,
58.0434

■ 55.2566, 55.7390,
58.2993

■ 61.1236, 58.8275,
58.5862

■ 67.6754, 62.2691,
58.9052

■ 70.1030, 63.5848,
59.0312

Harmonies

Analogous

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



32.8474, 43.9292, 42.3074



33.0914, 43.9292, 57.1872



35.5375, 43.9292, 72.0564

Triad

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



33.0914, 43.9292, 57.1872



49.5241, 43.9292, 69.1590



43.7940, 43.9292, 25.2187

Complementary

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



33.0914, 43.9292, 57.1872



28.1058, 20.3309, 13.0338

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.



48.6548, 43.9292, 29.7538



33.0914, 43.9292, 57.1872



52.1392, 43.9292, 53.8165

Square

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



33.0914, 43.9292, 57.1872



44.9037, 43.9292, 79.8819



51.8086, 43.9292, 39.5561



38.7539, 43.9292, 25.7564

Rectangle

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



33.0914, 43.9292, 57.1872



38.2092, 43.9292, 79.0409



51.8086, 43.9292, 39.5561



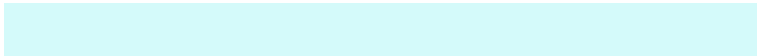
45.5102, 43.9292, 26.1553

Sweetspot

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



33.0927, 43.9309, 57.1882



78.5481, 89.0292, 103.4047



25.7075, 41.3287, 17.2132



16.5288, 18.9283, 22.1677



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.



33.0927, 43.9309, 57.1882



55.6263, 76.6693, 102.2271



24.1406, 26.0266, 54.2042



10.3596, 11.4105, 12.9413



18.8055, 27.3675, 37.8479



0.8154, 1.1882, 1.6362

Inverse Universe

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



35.5106, 23.1498, 52.4677



60.4730, 35.2814, 92.7045



33.9115, 31.9422, 14.9690



10.4928, 10.2457, 12.6856



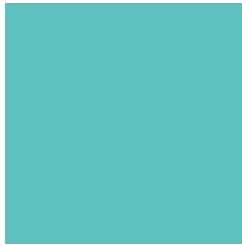
20.8881, 10.0450, 33.6525



0.9040, 0.4346, 1.4616

Previews

White Background



This preview shows how the XYZ color 33.0914, 43.9292, 57.1872 looks on a white background.

Color Contrast Check

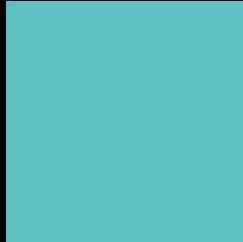
Large Text (above 18pt) WCAG AA × Fail

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 33.0914, 43.9292, 57.1872 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

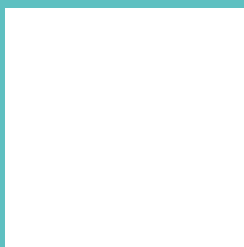
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0914, 43.9292, 57.1872

Background



This preview shows how black text looks on a background with the XYZ color 33.0914, 43.9292, 57.1872.

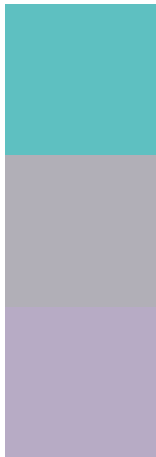


This preview shows how white text looks on a background with the XYZ color 33.0914, 43.9292,

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

33.0914, 43.9292, 57.1872

Protanopia

42.0087, 43.4260, 50.9677

Deuteranopia

44.1694, 43.2243, 58.8385



Tritanopia

34.4699, 43.8314, 64.4012

Trichromacy



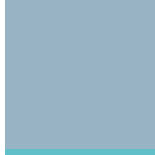
Original Color

33.0914, 43.9292, 57.1872



Protanomaly

37.5261, 42.8386, 53.3046



Deuteranomaly

38.8464, 42.8050, 58.4393



Tritanomaly

34.1032, 44.0200, 61.9576

Monochromacy



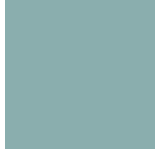
Original Color

33.0914, 43.9292, 57.1872



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

33.2573, 38.7314, 45.7675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0914, 43.9292, 57.1872 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(94, 192, 193)` looks like.

```
.text, #text, p{  
    color:rgb(94, 192, 193)  
}
```

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(94, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 33.0914, 43.9292, 57.1872 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(94, 192, 193) }
```


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

```
.border{ border-color:rgb(94, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(94, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0914, 43.9292, 57.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 192, 193) }
```

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

```
.background{ background-color: rgb(94, 192,  
193) }
```

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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