

Converting Colors

XYZ(35.9544, 43.9384, 55.2875)

Have a look what the booklet for
XYZ(35.9544, 43.9384, 55.2875)
contains.

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Color

**XYZ(35.9667, 43.8475,
55.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	80BBBE
RGB	128, 187, 190
RGB Percent	50%, 73%, 75%
CMY	0.4980, 0.2667, 0.2549
CMYK	0.33, 0.02, 0.00, 0.25
HSL	183°, 32%, 62%
HSV	183°, 33%, 75%
XYZ	35.9667, 43.8475, 55.2830
YIQ	169.7010, -36.1270, -11.5750

Conversions

Conversions Part 2

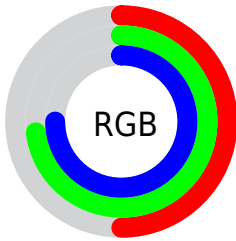
Format	Color
RYB	128, 158, 190
Decimal	8436670
CIELab	72.13, -18.20, -7.61
CIELCh	72, 19.731, 202.692
Yxy	43.8475, 0.2662, 0.3246
Android (android.graphics.Color)	4286626750 (0xFF80BBBE)
YUV	169.7010, 10.0074, -36.5718
Hunter-Lab	66.2174, -18.9264, -3.1473

Details

The XYZ color **35.9667, 43.8475, 55.2830** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.2485, 28.7389, 24.2179**, and the grayscale version is **38.0254, 40.0057, 43.5662**.

A 20% lighter version of the original color is **68.2136, 80.8223, 99.1938**, and **15.9421, 20.3522, 26.7550** is the 20% darker color. If you saturate the color by 10%, you get **33.1782, 42.1226, 55.0978**, and if you desaturate by 10%, it is **39.2942, 45.8543, 55.4957**.

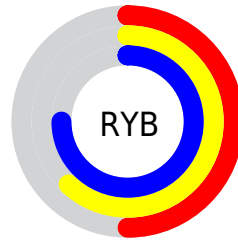
Distribution



Red (50%)

Green (73%)

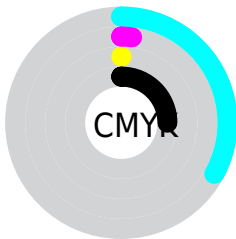
Blue (75%)



Red (50%)

Yellow (62%)

Blue (75%)

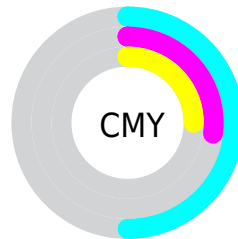


Cyan (33%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9667, 43.8475, 55.2830 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 35.9667, 43.8475, 55.2830 by changing the saturation by 10% instead.

■ 35.9667, 43.8475,
55.2830

■ 35.9667, 43.8475,
55.2830

320.2487,
362.0856, 424.2959

■ 24.5785, 30.5506,
39.2282

■ 68.3049, 80.9882,
99.4308

■ 15.8903, 20.2569,
26.6281

■ 89.9855, 105.6009,
128.3608

■ 9.5369, 12.5819,
17.0642

■ 115.8277,
134.7542, 162.4198

■ 5.1529, 7.1413,
10.1178

146.1967,
168.8327, 202.0261

■ 2.3729, 3.5506,
5.3705

181.4580,
208.2207, 247.5983

■ 0.8316, 1.4255,
2.4037

221.9769,

■ 0.0000, 0.2354,

253.3026, 299.5550

0.7885

268.1187,
304.4627, 358.3147

■ 0.0000, 0.0000,
0.0000

■ 35.9667, 43.8475,
55.2830

■ 35.9667, 43.8475,
55.2830

■ 33.1782, 42.1226,
55.0978

■ 39.2942, 45.8543,
55.4957

■ 30.8948, 40.6589,
54.9356

■ 43.1844, 48.1519,
55.7342

■ 29.0850, 39.4411,
54.7959

■ 47.6643, 50.7554,
56.0006

■ 27.7120, 38.4504,
54.6771

■ 52.7580, 53.6772,
56.2961

■ 26.7336, 37.6649,
54.5770

■ 58.4883, 56.9290,
56.6217

■ 26.0993, 37.0587,
54.4934

■ 64.8769, 60.5220,
56.9785

■ 25.7804, 36.6897,
54.4390

■ 69.7007, 63.3102,
57.2625

■ 69.9050, 63.7190,
57.3306

■ 70.1106, 64.1302,
57.3991

Harmonies

Analogous

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



35.5604, 43.8475, 45.4154



35.9667, 43.8475, 55.2830



37.8622, 43.8475, 64.1166

Triad

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



35.9667, 43.8475, 55.2830



47.0576, 43.8475, 59.9260



42.5073, 43.8475, 31.5686

Complementary

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



35.9667, 43.8475, 55.2830



33.2485, 28.7389, 24.2179

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.



45.7371, 43.8475, 34.4243



35.9667, 43.8475, 55.2830



48.4548, 43.8475, 50.1477

Square

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



35.9667, 43.8475, 55.2830



44.2316, 43.8475, 67.0398



47.9590, 43.8475, 40.9208



39.2203, 43.8475, 32.5567

Rectangle

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



35.9667, 43.8475, 55.2830



39.7733, 43.8475, 67.7918



47.9590, 43.8475, 40.9208



43.6379, 43.8475, 32.0960

Sweetspot

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



35.9680, 43.8492, 55.2840



80.1581, 88.3691, 101.1113



31.3503, 43.0305, 27.7970



17.3593, 19.2633, 22.1886



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.



35.9680, 43.8492, 55.2840



61.5399, 77.2181, 99.9402



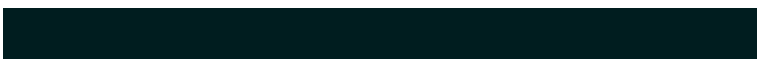
30.2431, 32.3994, 53.3757



9.7680, 10.7283, 12.2281



17.1592, 24.4302, 36.2040



0.6844, 0.9815, 1.4222

Inverse Universe

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



37.9251, 29.9745, 50.8023



65.6593, 48.3856, 90.4237



37.8889, 38.0197, 25.7648



9.9095, 9.6881, 11.9124



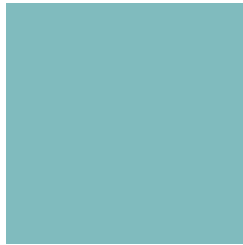
19.6619, 9.4959, 29.8431



0.7764, 0.3744, 1.2016

Previews

White Background



This preview shows how the XYZ color 35.9667, 43.8475, 55.2830 looks on a white background.

Color Contrast Check

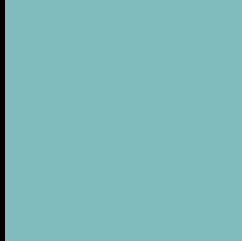
Large Text (above 18pt) WCAG AA × Fail

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 35.9667, 43.8475, 55.2830 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 35.9667, 43.8475, 55.2830

Background



This preview shows how black text looks on a background with the XYZ color 35.9667, 43.8475, 55.2830.

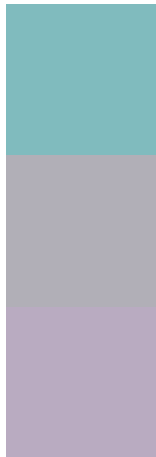


This preview shows how white text looks on a background with the XYZ color 35.9667, 43.8475,

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

35.9667, 43.8475, 55.2830

Protanopia

42.0087, 43.4260, 50.9677

Deuteranopia

44.1961, 43.2904, 56.4786



Tritanopia

36.9802, 43.6139, 61.1128

Trichromacy



Original Color

35.9667, 43.8475, 55.2830

Protanomaly

39.2811, 43.1563, 52.7140

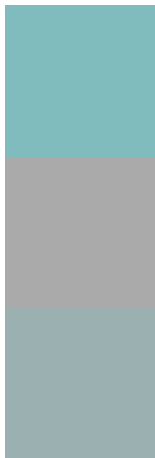
Deuteranomaly

40.5464, 43.1426, 56.0595

Tritanomaly

36.5760, 43.7705, 58.7453

Monochromacy



Original Color

35.9667, 43.8475, 55.2830

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.9787, 41.1936, 47.5971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9667, 43.8475, 55.2830 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(128, 187, 190)` looks like.

```
.text, #text, p{  
    color:rgb(128, 187, 190)  
}
```

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(128, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 187, 190) }
```

Border

The CSS property to change the border of an element to XYZ 35.9667, 43.8475, 55.2830 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(128, 187, 190) }
```


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

```
.border{ border-color:rgb(128, 187, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 187, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 187, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 187, 190);  
box-shadow:4px 4px 4px 4px rgb(128, 187,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9667, 43.8475, 55.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 187, 190) }
```

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

```
.background{ background-color: rgb(128,  
187, 190) }
```

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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