

Converting Colors

XYZ(35.2319, 46.4052, 55.2443)

Have a look what the booklet for
XYZ(35.2319, 46.4052, 55.2443)
contains.

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Color

**XYZ(35.2319, 46.4052,
55.2443)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC4BD
RGB	109, 196, 189
RGB Percent	43%, 77%, 74%
CMY	0.5725, 0.2314, 0.2588
CMYK	0.44, 0.00, 0.04, 0.23
HSL	175°, 42%, 60%
HSV	175°, 44%, 77%
XYZ	35.2319, 46.4052, 55.2443
YIQ	169.1890, -49.6050, -20.6210

Conversions

Conversions Part 2

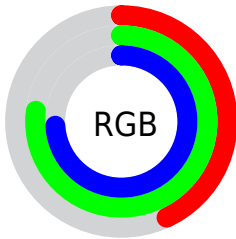
Format	Color
RYB	109, 154, 196
Decimal	7193789
CIELab	73.81, -27.93, -4.68
CIELCh	74, 28.319, 189.504
Yxy	46.4052, 0.2574, 0.3390
Android (android.graphics.Color)	4285383869 (0xFF6DC4BD)
YUV	169.1890, 9.7668, -52.7858
Hunter-Lab	68.1214, -26.8934, -0.3974

Details

The XYZ color **35.2319, 46.4052, 55.2443** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.3875, 23.9353, 19.4903**, and the grayscale version is **37.7775, 39.7449, 43.2822**.

A 20% lighter version of the original color is **67.1238, 84.8425, 99.2246**, and **15.4822, 21.8274, 26.6897** is the 20% darker color. If you saturate the color by 10%, you get **32.9144, 45.2313, 54.2477**, and if you desaturate by 10%, it is **38.0916, 47.8606, 56.2780**.

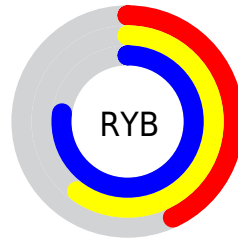
Distribution



Red (43%)

Green (77%)

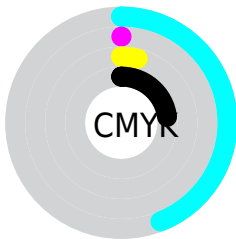
Blue (74%)



Red (43%)

Yellow (60%)

Blue (77%)

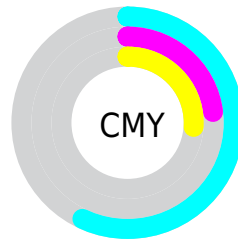


Cyan (44%)

Magenta (0%)

Yellow (4%)

Black (23%)



Cyan (57%)

Magenta (23%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2319, 46.4052, 55.2443 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 35.2319, 46.4052, 55.2443 by changing the saturation by 10% instead.

■ 35.2319, 46.4052,
55.2443

■ 35.2319, 46.4052,
55.2443

317.0809,
372.4353, 424.1453

■ 24.0089, 32.5657,
39.1974

■ 67.1765, 84.8251,
99.3735

■ 15.4650, 21.7939,
26.6043

■ 88.6289, 110.1743,
128.2930

■ 9.2348, 13.7056,
17.0465

■ 114.2217,
140.1288, 162.3404

■ 4.9530, 7.9162,
10.1053

144.3204,
175.0730, 201.9342

■ 2.2542, 4.0414,
5.3623

179.2903,
215.3914, 247.4931

■ 0.7711, 1.6967,
2.3990

219.4968,

■ 0.0000, 0.4215,

261.4683, 299.4356

0.7859

265.3052,
313.6882, 358.1801

■ 0.0000, 0.0000,
0.0000

■ 35.2319, 46.4052,
55.2443

■ 35.2319, 46.4052,
55.2443

■ 32.9144, 45.2313,
54.2477

■ 38.0916, 47.8606,
56.2780

■ 31.0989, 44.3148,
53.2833

■ 41.5222, 49.6091,
57.3471

■ 29.7461, 43.6367,
52.3503


■ 45.5553, 51.6679,
58.4543

■ 28.8090, 43.1726,
51.4463


■ 50.2190, 54.0516,
59.6007


■ 28.2309, 42.8935,
50.5687


■ 55.5396, 56.7737,
60.7878

 28.0022, 42.7860,
50.0848

 61.5419, 59.8470,
62.0166

 68.2494, 63.2837,
63.2883

 71.5966, 64.9878,
64.4127

 71.7839, 65.0627,
65.3992

Harmonies

Analogous

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



35.6467, 46.4052, 41.4287



35.2319, 46.4052, 55.2443



37.0515, 46.4052, 70.2938

Triad

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



35.2319, 46.4052, 55.2443



50.5555, 46.4052, 75.0783



47.5837, 46.4052, 28.7542

Complementary

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



35.2319, 46.4052, 55.2443



31.3875, 23.9353, 19.4903

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.



52.0052, 46.4052, 34.8643



35.2319, 46.4052, 55.2443



53.8095, 46.4052, 60.8693

Square

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



35.2319, 46.4052, 55.2443



45.7244, 46.4052, 83.0981



54.3593, 46.4052, 46.0869



42.5277, 46.4052, 27.8206

Rectangle

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



35.2319, 46.4052, 55.2443



39.3744, 46.4052, 78.3772



54.3593, 46.4052, 46.0869



49.2038, 46.4052, 30.2064

Sweetspot

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



35.2333, 46.4070, 55.2454



83.4616, 94.0753, 106.1310



29.7374, 44.3160, 21.4555



17.4863, 19.9429, 22.6184



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.2333, 46.4070, 55.2454



59.8327, 82.0415, 98.3677



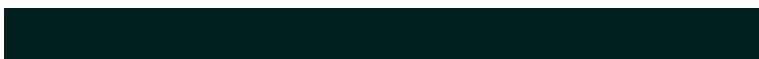
28.7994, 32.2933, 56.9420



10.3324, 11.4140, 12.7539



18.0070, 27.4968, 32.2594



0.7886, 1.1923, 1.4494

Inverse Universe

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



31.3875, 23.9353, 19.4903



52.0167, 36.2882, 25.6387



35.6905, 33.1688, 18.9901



10.1054, 10.0908, 10.6454



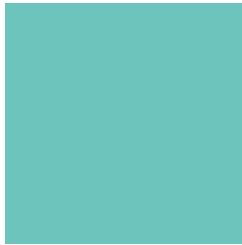
14.6997, 7.5696, 1.0647



0.6466, 0.3317, 0.1066

Previews

White Background



This preview shows how the XYZ color 35.2319, 46.4052, 55.2443 looks on a white background.

Color Contrast Check

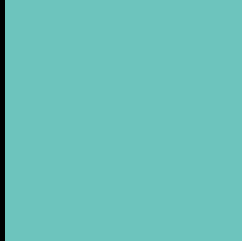
Large Text (above 18pt) WCAG AA × Fail

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 35.2319, 46.4052, 55.2443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

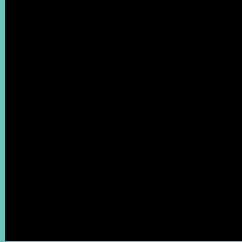
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2319, 46.4052, 55.2443

Background



This preview shows how black text looks on a background with the XYZ color 35.2319, 46.4052, 55.2443.

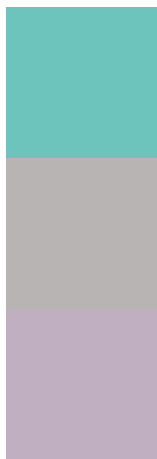


This preview shows how white text looks on a background with the XYZ color 35.2319, 46.4052,

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

35.2319, 46.4052, 55.2443

Protanopia

44.2251, 46.0875, 49.2127

Deuteranopia

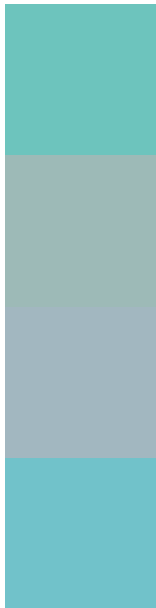
46.6938, 45.7167, 56.8152



Tritanopia

37.6488, 46.3882, 67.2911

Trichromacy



Original Color

35.2319, 46.4052, 55.2443

Protanomaly

40.0108, 45.7048, 51.5129

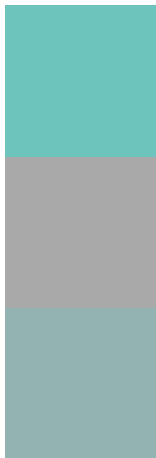
Deuteranomaly

41.3482, 45.3541, 56.4441

Tritanomaly

36.7625, 46.3586, 62.8876

Monochromacy



Original Color

35.2319, 46.4052, 55.2443

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

35.9892, 41.5778, 47.2028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2319, 46.4052, 55.2443 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(109, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(109, 196, 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(109, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 196, 189) }
```

Border

The CSS property to change the border of an element to XYZ 35.2319, 46.4052, 55.2443 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(109, 196, 189) }
```


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

```
.border{ border-color:rgb(109, 196, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(109, 196,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2319, 46.4052, 55.2443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 196, 189) }
```

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

```
.background{ background-color: rgb(109,  
196, 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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