

Converting Colors

XYZ(27.9194, 35.7919, 41.0343)

Have a look what the booklet for
XYZ(27.9194, 35.7919, 41.0343)
contains.

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Color

**XYZ(27.9194, 35.7919,
41.0343)**

Conversions

Conversions Part 1

Format	Color
Hex	6CADA5
RGB	108, 173, 165
RGB Percent	42%, 68%, 65%
CMY	0.5765, 0.3216, 0.3529
CMYK	0.38, 0.00, 0.05, 0.32
HSL	173°, 28%, 55%
HSV	173°, 38%, 68%
XYZ	27.9194, 35.7919, 41.0343
YIQ	152.6530, -36.1720, -16.2680

Conversions

Conversions Part 2

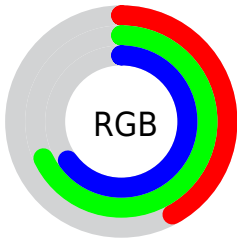
Format	Color
RYB	108, 143, 173
Decimal	7122341
CIELab	66.36, -22.63, -2.46
CIElCh	66, 22.763, 186.211
Yxy	35.7919, 0.2665, 0.3417
Android (android.graphics.Color)	4285312421 (0xFF6CADA5)
YUV	152.6530, 6.0871, -39.1607
Hunter-Lab	59.8263, -21.3948, 1.2120

Details

The XYZ color **27.9194, 35.7919, 41.0343** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.7497, 20.8712, 19.1957**, and the grayscale version is **30.1140, 31.6822, 34.5020**.

A 20% lighter version of the original color is **55.8379, 68.8873, 78.0638**, and **11.2727, 15.4374, 18.0084** is the 20% darker color. If you saturate the color by 10%, you get **25.8286, 34.7372, 39.9336**, and if you desaturate by 10%, it is **30.4330, 37.0660, 42.1732**.

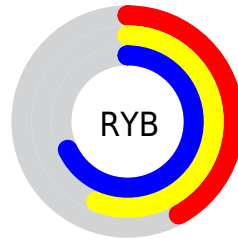
Distribution



Red (42%)

Green (68%)

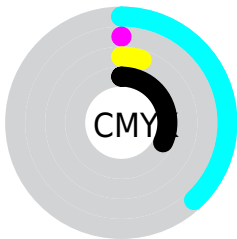
Blue (65%)



Red (42%)

Yellow (56%)

Blue (68%)

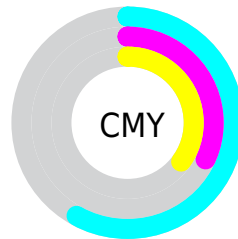


Cyan (38%)

Magenta (0%)

Yellow (5%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9194, 35.7919, 41.0343 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 27.9194, 35.7919, 41.0343 by changing the saturation by 10% instead.

■ 27.9194, 35.7919,
41.0343

■ 27.9194, 35.7919,
41.0343

284.1686,
328.0501, 366.1448

■ 18.4051, 24.2735,
28.0260

■ 55.7653, 68.7107,
77.9902

■ 11.3426, 15.5366,
18.1060

■ 74.8275, 90.8800,
102.7749

■ 6.3668, 9.1969,
10.8559

■ 97.8031, 117.3683,
132.3220

■ 3.1121, 4.8698,
5.8571

■ 125.0574,
148.5602, 167.0503

■ 1.2133, 2.1711,
2.6910

156.9557,
184.8398, 207.3782

■ 0.1169, 0.7042,
0.9389

193.8635,

■ 0.0000, 0.0000,

226.5918, 253.7242

0.0000

236.1460,
274.2004, 306.5069

■ 27.9194, 35.7919,
41.0343

■ 27.9194, 35.7919,
41.0343

■ 25.8286, 34.7372,
39.9336

■ 30.4330, 37.0660,
42.1732

■ 24.1326, 33.8847,
38.8674

■ 33.3892, 38.5670,
43.3490

■ 22.8051, 33.2218,
37.8351

■ 36.8100, 40.3072,
44.5635

■ 21.8150, 32.7325,
36.8352

■ 40.7153, 42.2967,
45.8178

■ 21.1263, 32.3982,
35.8659

■ 45.1237, 44.5453,
47.1128

■ 20.6825, 32.1898,
34.9246

■ 50.0529, 47.0619,
48.4495

■ 20.5876, 32.1458,
34.6991

■ 55.5196, 49.8552,
49.8286

■ 61.5399, 52.9335,
51.2510

■ 64.8537, 54.6162,
52.5643

Harmonies

Analogous

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



28.3756, 35.7919, 31.8898



27.9194, 35.7919, 41.0343



29.0076, 35.7919, 51.1247

Triad

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



27.9194, 35.7919, 41.0343



38.0334, 35.7919, 56.1331



36.7277, 35.7919, 24.2146

Complementary

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



27.9194, 35.7919, 41.0343



25.7497, 20.8712, 19.1957

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.



39.5770, 35.7919, 28.9149



27.9194, 35.7919, 41.0343



40.3654, 35.7919, 47.0305

Square

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



27.9194, 35.7919, 41.0343



34.7320, 35.7919, 60.7298



40.9483, 35.7919, 36.9786



33.3160, 35.7919, 23.1511

Rectangle

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



27.9194, 35.7919, 41.0343



30.5080, 35.7919, 56.7145



40.9483, 35.7919, 36.9786



37.7898, 35.7919, 25.3783

Sweetspot

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



27.9204, 35.7933, 41.0351



63.6063, 71.0066, 79.0125



24.9428, 34.7302, 19.5769



13.6483, 15.3424, 17.1096



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.9204, 35.7933, 41.0351



46.8716, 62.5205, 71.8639



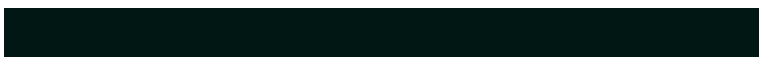
24.5020, 27.7541, 43.6025



8.1932, 9.0549, 10.0426



15.1383, 23.6206, 25.5656



0.4328, 0.6618, 0.7726

Inverse Universe

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



25.7497, 20.8712, 19.1957



42.4331, 31.9550, 27.1686



28.1702, 26.4254, 17.8038



8.0439, 8.0308, 8.5419



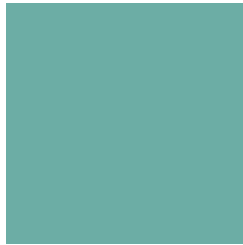
12.7741, 6.5722, 1.1902



0.3677, 0.1878, 0.0980

Previews

White Background



This preview shows how the XYZ color 27.9194, 35.7919, 41.0343 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 27.9194, 35.7919, 41.0343 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

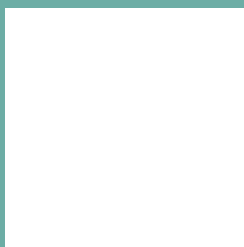
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9194, 35.7919, 41.0343

Background



This preview shows how black text looks on a background with the XYZ color 27.9194, 35.7919, 41.0343.

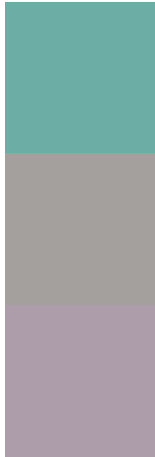


This preview shows how white text looks on a background with the XYZ color 27.9194, 35.7919,

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

27.9194, 35.7919, 41.0343

Protanopia

33.9665, 35.4684, 36.9542

Deuteranopia

36.2835, 35.5257, 42.4809



Tritanopia

29.8365, 35.7209, 50.6697

Trichromacy



Original Color

27.9194, 35.7919, 41.0343

Protanomaly

31.3019, 35.3776, 38.4365

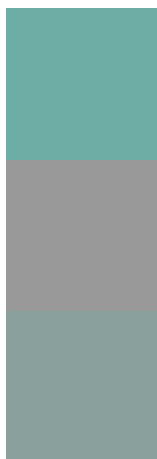
Deuteranomaly

32.3826, 35.0574, 42.1058

Tritanomaly

29.0543, 35.6797, 46.9505

Monochromacy



Original Color

27.9194, 35.7919, 41.0343

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.9731, 32.8943, 36.7205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9194, 35.7919, 41.0343 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(108, 173, 165)` looks like.

```
.text, #text, p{  
    color:rgb(108, 173, 165)  
}
```

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(108, 173, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 173, 165) }
```

Border

The CSS property to change the border of an element to XYZ 27.9194, 35.7919, 41.0343 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(108, 173, 165) }
```


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

```
.border{ border-color:rgb(108, 173, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 173, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 173, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 173, 165);  
box-shadow:4px 4px 4px 4px rgb(108, 173,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9194, 35.7919, 41.0343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 173, 165) }
```

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

```
.background{ background-color: rgb(108,  
173, 165) }
```

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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