

Converting Colors

XYZ(26.4793, 35.4556, 35.5850)

Have a look what the booklet for
XYZ(26.4793, 35.4556, 35.5850)
contains.

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Color

**XYZ(26.4793, 35.4556,
35.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	67AE99
RGB	103, 174, 153
RGB Percent	40%, 68%, 60%
CMY	0.5961, 0.3176, 0.4000
CMYK	0.41, 0.00, 0.12, 0.32
HSL	162°, 30%, 54%
HSV	162°, 41%, 68%
XYZ	26.4793, 35.4556, 35.5850
YIQ	150.3770, -35.5750, -21.5830

Conversions

Conversions Part 2

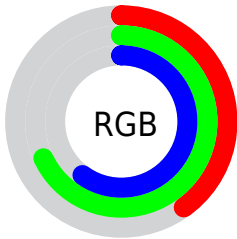
Format	Color
R _{YB}	103, 145, 174
Decimal	6794905
CIE Lab	66.10, -27.33, 3.79
CIE LCh	66, 27.592, 172.101
Yxy	35.4556, 0.2715, 0.3636
Android (android.graphics.Color)	4284984985 (0xFF67AE99)
YUV	150.3770, 1.2931, -41.5496
Hunter-Lab	59.5446, -24.8247, 6.2484

Details

The XYZ color **26.4793, 35.4556, 35.5850** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **25.9450, 20.1552, 21.5929**, and the grayscale version is **29.1559, 30.6742, 33.4043**.

A 20% lighter version of the original color is **53.4639, 68.2667, 69.3904**, and **10.5510, 15.3122, 14.9698** is the 20% darker color. If you saturate the color by 10%, you get **24.2716, 34.3665, 33.3107**, and if you desaturate by 10%, it is **29.1226, 36.7690, 37.9769**.

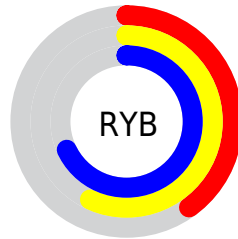
Distribution



Red (40%)

Green (68%)

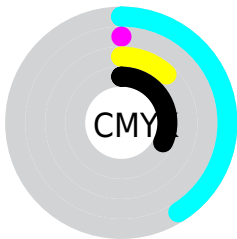
Blue (60%)



Red (40%)

Yellow (57%)

Blue (68%)

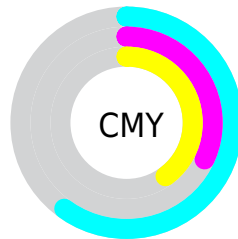


Cyan (41%)

Magenta (0%)

Yellow (12%)

Black (32%)



Cyan (60%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4793, 35.4556, 35.5850 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 26.4793, 35.4556, 35.5850 by changing the saturation by 10% instead.

■ 26.4793, 35.4556,
35.5850

■ 26.4793, 35.4556,
35.5850

277.3408,
326.5748, 342.1254

■ 17.3171, 24.0140,
23.8267

■ 53.4730, 68.1910,
69.5529

■ 10.5575, 15.3440,
14.9941

■ 72.0352, 90.2536,
92.5995

■ 5.8352, 9.0612,
8.6687

■ 94.4614, 116.6253,
120.2460

■ 2.7849, 4.7811,
4.4319

■ 121.1171,
147.6906, 152.9109

■ 1.0410, 2.1194,
1.8651

152.3675,
183.8337, 191.0128

■ 0.0000, 0.6755,
0.4704

188.5780,

■ 0.0000, 0.0000,

225.4392, 234.9701

0.0000

230.1140,
272.8915, 285.2015

■ 26.4793, 35.4556,
35.5850

■ 26.4793, 35.4556,
35.5850

■ 24.2716, 34.3665,
33.3107

■ 29.1226, 36.7690,
37.9769

■ 22.4704, 33.4839,
31.1493

■ 32.2226, 38.3148,
40.4864

■ 21.0476, 32.7943,
29.0989


■ 35.8024, 40.1057,
43.1163


■ 19.9700, 32.2807,
27.1567


■ 39.8826, 42.1524,
45.8689

■ 19.1986, 31.9228,
25.3198


■ 44.4828, 44.4650,
48.7461

 18.6827, 31.6918,
23.7187

 49.6212, 47.0528,
51.7499

 55.3155, 49.9249,
54.8822

 61.5823, 53.0898,
58.1448

 66.7232, 55.6720,
61.4593

Harmonies

Analogous

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



27.8544, 35.4556, 26.3321



26.4793, 35.4556, 35.5850



26.9111, 35.4556, 47.7366

Triad

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



26.4793, 35.4556, 35.5850



36.7530, 35.4556, 63.5259



38.7771, 35.4556, 23.3910

Complementary

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



26.4793, 35.4556, 35.5850



25.9450, 20.1552, 21.5929

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.



41.5430, 35.4556, 30.7194



26.4793, 35.4556, 35.5850



40.3100, 35.4556, 54.1988

Square

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



26.4793, 35.4556, 35.5850



32.6278, 35.4556, 65.5606



42.1256, 35.4556, 41.7915



34.7944, 35.4556, 20.2840

Rectangle

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



26.4793, 35.4556, 35.5850



28.1828, 35.4556, 55.8040



42.1256, 35.4556, 41.7915



39.8928, 35.4556, 25.3619

Sweetspot

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



26.4803, 35.4570, 35.5858



63.9713, 72.2600, 77.5208



25.9409, 35.5604, 18.3290



14.0279, 15.9652, 17.0935



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.4803, 35.4570, 35.5858



44.3678, 62.5039, 60.7979



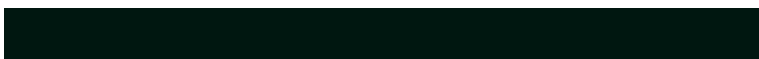
25.7707, 31.0132, 44.6740



8.1338, 9.0311, 9.7298



13.5771, 22.9961, 17.3445



0.4001, 0.6487, 0.6007

Inverse Universe

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



25.9450, 20.1552, 21.5929



43.2748, 30.9131, 31.9687



26.2894, 22.7481, 15.8376



8.0991, 8.0529, 8.8326



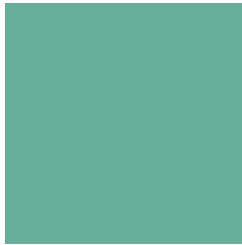
13.1248, 6.7125, 3.0366



0.3894, 0.1964, 0.2123

Previews

White Background



This preview shows how the XYZ color 26.4793, 35.4556, 35.5850 looks on a white background.

Color Contrast Check

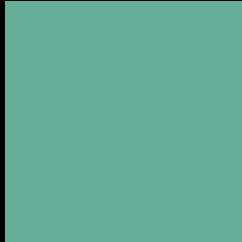
Large Text (above 18pt) WCAG AA × Fail

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 26.4793, 35.4556, 35.5850 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 26.4793, 35.4556, 35.5850

Background



This preview shows how black text looks on a background with the XYZ color 26.4793, 35.4556, 35.5850.



This preview shows how white text looks on a background with the XYZ color 26.4793, 35.4556,

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

26.4793, 35.4556, 35.5850

Protanopia

33.2349, 34.9476, 31.7820

Deuteranopia

35.7116, 35.1071, 36.7924



Tritanopia

29.4775, 35.5479, 50.1075

Trichromacy



Original Color

26.4793, 35.4556, 35.5850

Protanomaly

29.9484, 34.5287, 33.1032

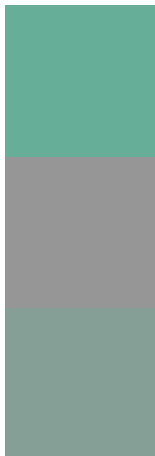
Deuteranomaly

31.3155, 34.6305, 36.4863

Tritanomaly

28.1936, 35.2925, 44.3559

Monochromacy



Original Color

26.4793, 35.4556, 35.5850

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.6569, 32.0172, 34.0004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4793, 35.4556, 35.5850 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(103, 174, 153)` looks like.

```
.text, #text, p{  
    color:rgb(103, 174, 153)  
}
```

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(103, 174, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 174, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.4793, 35.4556, 35.5850 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(103, 174, 153) }
```


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

```
.border{ border-color:rgb(103, 174, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 174, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 174, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 174, 153);  
box-shadow:4px 4px 4px 4px rgb(103, 174,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4793, 35.4556, 35.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 174, 153) }
```

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

```
.background{ background-color: rgb(103,  
174, 153) }
```

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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