

Converting Colors

XYZ(26.8087, 35.3444, 35.3709)

Have a look what the booklet for
XYZ(26.8087, 35.3444, 35.3709)
contains.

XYZ(26.8777, 35.3752, 35.5485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8777, 35.3752,
35.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	6CAD99
RGB	108, 173, 153
RGB Percent	42%, 68%, 60%
CMY	0.5765, 0.3216, 0.4000
CMYK	0.38, 0.00, 0.12, 0.32
HSL	162°, 28%, 55%
HSV	162°, 38%, 68%
XYZ	26.8777, 35.3752, 35.5485
YIQ	151.2850, -32.3200, -20.0000

Conversions

Conversions Part 2

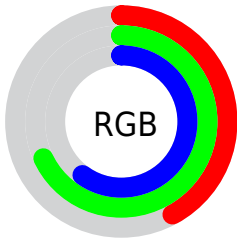
Format	Color
RYB	108, 146, 173
Decimal	7122329
CIELab	66.04, -25.43, 3.73
CIELCh	66, 25.705, 171.652
Yxy	35.3752, 0.2748, 0.3617
Android (android.graphics.Color)	4285312409 (0xFF6CAD99)
YUV	151.2850, 0.8455, -37.9609
Hunter-Lab	59.4771, -23.4206, 6.1972

Details

The XYZ color **26.8777, 35.3752, 35.5485** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.4937, 21.1688, 23.1131**, and the grayscale version is **29.5447, 31.0833, 33.8497**.

A 20% lighter version of the original color is **54.1821, 68.2250, 69.3445**, and **10.7456, 15.2330, 14.9443** is the 20% darker color. If you saturate the color by 10%, you get **24.5491, 34.2253, 33.1957**, and if you desaturate by 10%, it is **29.6455, 36.7510, 38.0258**.

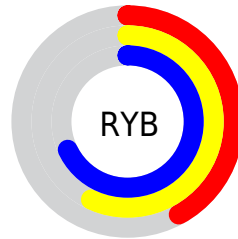
Distribution



Red (42%)

Green (68%)

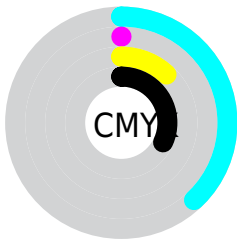
Blue (60%)



Red (42%)

Yellow (57%)

Blue (68%)

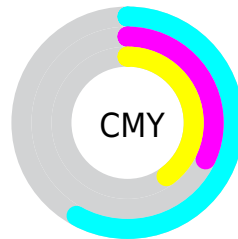


Cyan (38%)

Magenta (0%)

Yellow (12%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8777, 35.3752, 35.5485 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 26.8777, 35.3752, 35.5485 by changing the saturation by 10% instead.

■ 26.8777, 35.3752,
35.5485

■ 26.8777, 35.3752,
35.5485

279.2428,
326.2214, 341.9603

■ 17.6175, 23.9520,
23.7988

■ 54.1088, 68.0666,
69.4958

■ 10.7737, 15.2980,
14.9736

■ 72.8105, 90.1036,
92.5304

■ 5.9811, 9.0288,
8.6544

■ 95.3900, 116.4474,
120.1638

■ 2.8741, 4.7600,
4.4228

■ 122.2127,
147.4823, 152.8144

■ 1.0876, 2.1071,
1.8600

153.6440,
183.5928, 190.9009

■ 0.0147, 0.6686,
0.4671

190.0492,

■ 0.0000, 0.0000,

225.1632, 234.8416

0.0000

231.7937,
272.5779, 285.0553

■ 26.8777, 35.3752,
35.5485

■ 26.8777, 35.3752,
35.5485

■ 24.5491, 34.2253,
33.1957

■ 29.6455, 36.7510,
38.0258

■ 22.6315, 33.2843,
30.9625

■ 32.8724, 38.3603,
40.6275

■ 21.0983, 32.5391,
28.8471


■ 36.5809, 40.2155,
43.3568


■ 19.9182, 31.9738,
26.8466


■ 40.7909, 42.3270,
46.2157


■ 19.0549, 31.5696,
24.9579


■ 45.5214, 44.7043,
49.2065


 18.4516, 31.2974,
23.1769

 50.7901, 47.3567,
52.3312

 18.3203, 31.2388,
22.7595

 56.6141, 50.2930,
55.5917

 63.0096, 53.5214,
58.9900

 66.7167, 55.3614,
62.3746

Harmonies

Analogous

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



28.1943, 35.3752, 26.9027



26.8777, 35.3752, 35.5485



27.2582, 35.3752, 46.7967

Triad

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



26.8777, 35.3752, 35.5485



36.4016, 35.3752, 61.5174



38.3806, 35.3752, 24.2845

Complementary

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



26.8777, 35.3752, 35.5485



26.4937, 21.1688, 23.1131

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.



40.9088, 35.3752, 31.2775



26.8777, 35.3752, 35.5485



39.7075, 35.3752, 53.0705

Square

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



26.8777, 35.3752, 35.5485



32.5697, 35.3752, 63.2539



41.4120, 35.3752, 41.6475



34.6989, 35.3752, 21.2527

Rectangle

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



26.8777, 35.3752, 35.5485



28.4366, 35.3752, 54.2271



41.4120, 35.3752, 41.6475



39.4047, 35.3752, 26.1792

Sweetspot

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



26.8787, 35.3766, 35.5493



63.0059, 70.7664, 75.8508



26.6416, 35.6059, 19.6564



13.5032, 15.2844, 16.3455



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.



26.8787, 35.3766, 35.5493



44.6540, 61.6334, 60.1864



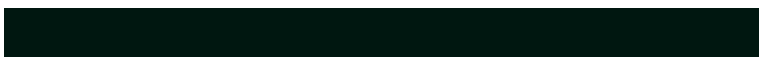
26.4877, 31.7255, 44.2644



8.1298, 9.0295, 9.7085



13.4848, 22.9592, 16.8586



0.3981, 0.6479, 0.5899

Inverse Universe

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



26.4937, 21.1688, 23.1131



43.8737, 32.5312, 34.7544



26.6479, 23.3809, 17.2964



8.1029, 8.0544, 8.8529



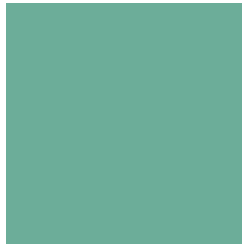
13.1596, 6.7264, 3.2202



0.3909, 0.1970, 0.2202

Previews

White Background



This preview shows how the XYZ color 26.8777, 35.3752, 35.5485 looks on a white background.

Color Contrast Check

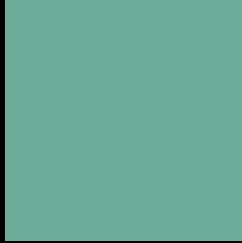
Large Text (above 18pt) WCAG AA × Fail

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 26.8777, 35.3752, 35.5485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

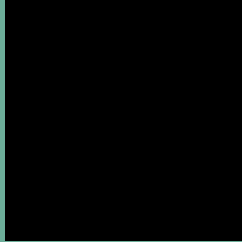
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8777, 35.3752, 35.5485

Background



This preview shows how black text looks on a background with the XYZ color 26.8777, 35.3752, 35.5485.



This preview shows how white text looks on a background with the XYZ color 26.8777, 35.3752,

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

26.8777, 35.3752, 35.5485

Protanopia

33.3123, 34.9786, 32.1899

Deuteranopia

35.7116, 35.1071, 36.7924



Tritanopia

29.7017, 35.3982, 49.5231

Trichromacy



Original Color

26.8777, 35.3752, 35.5485

Protanomaly

30.3773, 34.7406, 33.5383

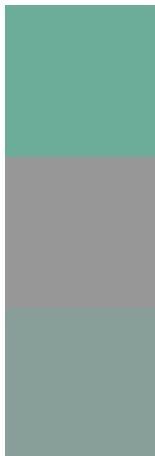
Deuteranomaly

31.6836, 34.8203, 36.5036

Tritanomaly

28.4075, 35.1345, 43.8125

Monochromacy



Original Color

26.8777, 35.3752, 35.5485

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.0573, 32.2142, 34.4449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8777, 35.3752, 35.5485 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(108, 173, 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(108, 173, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 173, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.8777, 35.3752, 35.5485 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, 153) }
```


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

```
.border{ border-color:rgb(108, 173, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 173, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 173, 153);  
box-shadow:4px 4px 4px 4px rgb(108, 173,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8777, 35.3752, 35.5485 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, 153) }
```

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

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