

Converting Colors

XYZ(26.5754, 33.2088, 35.2863)

Have a look what the booklet for
XYZ(26.5754, 33.2088, 35.2863)
contains.

XYZ(26.5884, 33.2853, 35.1603)	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(26.5884, 33.2853,
35.1603)**

Conversions

Conversions Part 1

Format	Color
Hex	74A699
RGB	116, 166, 153
RGB Percent	45%, 65%, 60%
CMY	0.5451, 0.3490, 0.4000
CMYK	0.30, 0.00, 0.08, 0.35
HSL	164°, 22%, 55%
HSV	164°, 30%, 65%
XYZ	26.5884, 33.2853, 35.1603
YIQ	149.5680, -25.6270, -14.6430

Conversions

Conversions Part 2

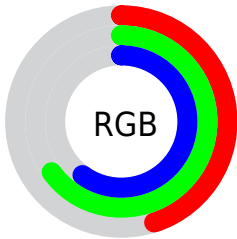
Format	Color
RYB	116, 145, 166
Decimal	7644825
CIELab	64.39, -19.51, 1.39
CIElCh	64, 19.559, 175.916
Yxy	33.2853, 0.2798, 0.3502
Android (android.graphics.Color)	4285834905 (0xFF74A699)
YUV	149.5680, 1.6920, -29.4391
Hunter-Lab	57.6934, -18.7005, 4.2521

Details

The XYZ color **26.5884, 33.2853, 35.1603** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9348, 22.1836, 23.6851**, and the grayscale version is **28.8080, 30.3083, 33.0057**.

A 20% lighter version of the original color is **53.4811, 64.6529, 68.6920**, and **10.5956, 14.1178, 14.7369** is the 20% darker color. If you saturate the color by 10%, you get **24.2260, 32.1088, 33.2227**, and if you desaturate by 10%, it is **29.3599, 34.6730, 37.1858**.

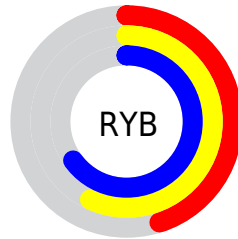
Distribution



Red (45%)

Green (65%)

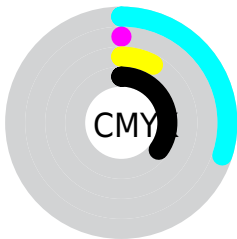
Blue (60%)



Red (45%)

Yellow (57%)

Blue (65%)

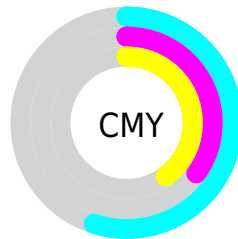


Cyan (30%)

Magenta (0%)

Yellow (8%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5884, 33.2853, 35.1603 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 26.5884, 33.2853, 35.1603 by changing the saturation by 10% instead.

■ 26.5884, 33.2853,
35.1603

■ 26.5884, 33.2853,
35.1603

277.8627,
316.9334, 340.2011

■ 17.3993, 22.3451,
23.5018

■ 53.6472, 64.8207,
68.8884

■ 10.6167, 14.1107,
14.7557

■ 72.2477, 86.1847,
91.7951

■ 5.8751, 8.1977,
8.5034

■ 94.7160, 111.7920,
119.2884

■ 2.8092, 4.2217,
4.3264

121.4175,
142.0272, 151.7867

■ 1.0537, 1.7983,
1.8060

152.7176,
177.2745, 189.7085

■ 0.0000, 0.4861,
0.4319

188.9816,

■ 0.0000, 0.0000,

217.9183, 233.4725

0.0000

230.5748,
264.3432, 283.4972

■ 26.5884, 33.2853,
35.1603

■ 26.5884, 33.2853,
35.1603

■ 24.2260, 32.1088,
33.2227

■ 29.3599, 34.6730,
37.1858

■ 22.2488, 31.1284,
31.3690

■ 32.5573, 36.2779,
39.2987

■ 20.6345, 30.3338,
29.5982

■ 36.1998, 38.1106,
41.5010

■ 19.3577, 29.7116,
27.9085

■ 40.3046, 40.1802,
43.7944

■ 18.3891, 29.2470,
26.2976

■ 44.8879, 42.4950,
46.1802

■ 17.6948, 28.9223,
24.7633

■ 49.9654, 45.0629,
48.6598

■ 17.2017, 28.6996,
23.3184

■ 55.5516, 47.8915,
51.2346

■ 61.6609, 50.9881,
53.9059

■ 64.3747, 52.3328,
56.4908

Harmonies

Analogous

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



27.4040, 33.2853, 28.3061



26.5884, 33.2853, 35.1603



27.0588, 33.2853, 43.3694

Triad

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



26.5884, 33.2853, 35.1603



34.0362, 33.2853, 51.8669



34.7348, 33.2853, 24.9625

Complementary

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



26.5884, 33.2853, 35.1603



25.9348, 22.1836, 23.6851

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.



36.7038, 33.2853, 29.9417



26.5884, 33.2853, 35.1603



36.2841, 33.2853, 45.5378

Square

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



26.5884, 33.2853, 35.1603



31.2567, 33.2853, 53.8004



37.2866, 33.2853, 37.3457



32.0197, 33.2853, 22.9916

Rectangle

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



26.5884, 33.2853, 35.1603



28.0541, 33.2853, 48.4175



37.2866, 33.2853, 37.3457



35.5119, 33.2853, 26.3007

Sweetspot

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



26.5893, 33.2867, 35.1611



59.6810, 66.1372, 71.6944



25.8936, 33.2280, 21.5724



13.1593, 14.7016, 15.9203



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.5893, 33.2867, 35.1611



45.3654, 58.9683, 61.4903



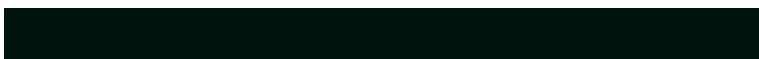
25.6971, 29.6887, 40.4540



7.6630, 8.4982, 9.2115



13.3584, 22.2621, 18.1858



0.3442, 0.5493, 0.5434

Inverse Universe

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



25.9348, 22.1836, 23.6851



43.9920, 35.6012, 37.3587



26.5551, 24.7204, 19.8954



7.6082, 7.5731, 8.2541



12.5520, 6.4295, 2.4522



0.3258, 0.1646, 0.1669

Previews

White Background



This preview shows how the XYZ color 26.5884, 33.2853, 35.1603 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 26.5884, 33.2853, 35.1603 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 26.5884, 33.2853, 35.1603

Background



This preview shows how black text looks on a background with the XYZ color 26.5884, 33.2853, 35.1603.



This preview shows how white text looks on a background with the XYZ color 26.5884, 33.2853,

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

26.5884, 33.2853, 35.1603

Protanopia

31.4850, 33.0229, 32.3184

Deuteranopia

33.6449, 33.0796, 36.0642



Tritanopia

28.8188, 33.3939, 46.0011

Trichromacy



Original Color

26.5884, 33.2853, 35.1603

Protanomaly

29.3246, 32.8955, 33.2377

Deuteranomaly

30.3825, 32.6275, 35.7068

Tritanomaly

27.9511, 33.3000, 42.0002

Monochromacy



Original Color

26.5884, 33.2853, 35.1603

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.9556, 31.4146, 33.8684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5884, 33.2853, 35.1603 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(116, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(116, 166, 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(116, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 166, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.5884, 33.2853, 35.1603 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(116, 166, 153) }
```


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

```
.border{ border-color:rgb(116, 166, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 166, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 166, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 166, 153); box-shadow:4px 4px 4px 4px rgb(116, 166, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5884, 33.2853, 35.1603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 166, 153) }
```

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

```
.background{ background-color: rgb(116,  
166, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor