

Converting Colors

XYZ(26.5519, 35.9343, 27.2382)

Have a look what the booklet for
XYZ(26.5519, 35.9343, 27.2382)
contains.

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Color

**XYZ(26.5651, 35.9707,
27.3727)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 73AF84 |
| RGB | 115, 175, 132 |
| RGB Percent | 45%, 69%, 52% |
| CMY | 0.5490, 0.3137, 0.4823 |
| CMYK | 0.34, 0.00, 0.25, 0.31 |
| HSL | 137°, 27%, 57% |
| HSV | 137°, 34%, 69% |
| XYZ | 26.5651, 35.9707, 27.3727 |
| YIQ | 152.1580, -21.9570, -26.0930 |

Conversions

Conversions Part 2

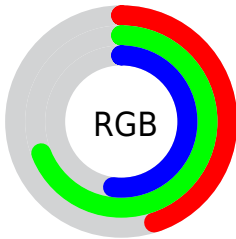
| Format | Color |
|-------------------------------------|---|
| RYB | 115, 162, 175 |
| Decimal | 7581572 |
| CIELab | 66.50, -28.68, 16.01 |
| CIElCh | 66, 32.849, 150.830 |
| Yxy | 35.9707, 0.2955, 0.4001 |
| Android (android.graphics.Color) | 4285771652 (0xFF73AF84) |
| YUV | 152.1580, -9.9379, -32.5876 |
| Hunter-Lab | 59.9756, -25.8939, 14.9231 |

Details

The XYZ color **26.5651, 35.9707, 27.3727** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.9827, 23.8450, 35.3716**, and the grayscale version is **29.9624, 31.5228, 34.3283**.

A 20% lighter version of the original color is **53.6951, 69.0896, 56.4045**, and **10.5969, 15.6183, 10.4388** is the 20% darker color. If you saturate the color by 10%, you get **23.6714, 34.5733, 23.0235**, and if you desaturate by 10%, it is **30.0008, 37.6377, 32.2875**.

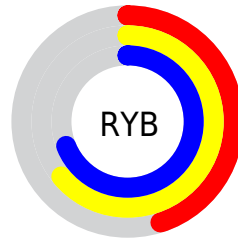
Distribution



Red (45%)

Green (69%)

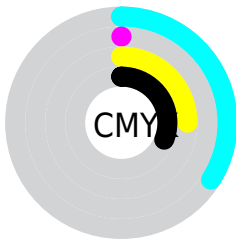
Blue (52%)



Red (45%)

Yellow (64%)

Blue (69%)

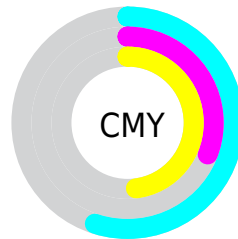


Cyan (34%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5651, 35.9707, 27.3727 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 26.5651, 35.9707, 27.3727 by changing the saturation by 10% instead.

■ 26.5651, 35.9707,
27.3727

■ 26.5651, 35.9707,
27.3727

277.7513,
328.8325, 303.2742

■ 17.3818, 24.4116,
17.6184

■ 53.6100, 68.9868,
56.4923

■ 10.6040, 15.6392,
10.5098

■ 72.2023, 91.2126,
76.6948

■ 5.8666, 9.2692,
5.6282

■ 94.6617, 117.7628,
101.2170

■ 2.8040, 4.9172,
2.5553

121.3534,
149.0217, 130.4776

■ 1.0510, 2.1988,
0.8692

152.6429,
185.3737, 164.8951

■ 0.0000, 0.7193,
0.0000

188.8954,

■ 0.0000, 0.0000,

227.2032, 204.8880

0.0000

230.4765,
274.8947, 250.8749

■ 26.5651, 35.9707,
27.3727

■ 26.5651, 35.9707,
27.3727

■ 23.6714, 34.5733,
23.0235

■ 30.0008, 37.6377,
32.2875

■ 21.2885, 33.4266,
19.2171

■ 34.0019, 39.5828,
37.7848

■ 19.3860, 32.5166,
15.9328


■ 38.5939, 41.8198,
43.8838


■ 17.9295, 31.8258,
13.1474


■ 43.8000, 44.3604,
50.6020


■ 16.8792, 31.3344,
10.8362


■ 49.6420, 47.2153,
57.9563


 16.1881, 31.0187,
8.9721

 56.1406, 50.3949,
65.9628

 15.8974, 30.8880,
8.0947

 63.3155, 53.9092,
74.6372

 71.1842, 57.7667,
83.9944

 73.0338, 58.5065,
93.7341

Harmonies

Analogous

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



29.5595, 35.9707, 20.1801



26.5651, 35.9707, 27.3727



25.5632, 35.9707, 39.5602

Triad

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



26.5651, 35.9707, 27.3727



34.3265, 35.9707, 73.0470



42.9877, 35.9707, 26.8402

Complementary

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



26.5651, 35.9707, 27.3727



29.9827, 23.8450, 35.3716

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.



44.5652, 35.9707, 38.7744



26.5651, 35.9707, 27.3727



39.2784, 35.9707, 67.3939

Square

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



26.5651, 35.9707, 27.3727



29.7757, 35.9707, 67.9597



43.1478, 35.9707, 53.9369



39.0184, 35.9707, 19.9286

Rectangle

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



26.5651, 35.9707, 27.3727



26.0759, 35.9707, 49.6294



43.1478, 35.9707, 53.9369



43.8315, 35.9707, 30.2874

Sweetspot

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



26.5661, 35.9722, 27.3735



64.1456, 72.4716, 72.0288



32.7239, 39.2703, 22.0754



14.0106, 15.9876, 15.6801



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.



26.5661, 35.9722, 27.3735



43.6393, 62.5183, 43.1459



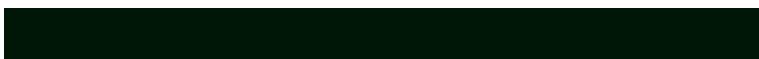
28.8344, 36.8795, 39.3183



7.9943, 8.9753, 8.9950



11.4075, 22.1283, 5.9196



0.3410, 0.6251, 0.2894

Inverse Universe

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



29.9827, 23.8450, 35.3716



50.6682, 37.5431, 59.5800



27.7735, 22.9613, 23.7378



8.2388, 8.1088, 9.5685



15.3581, 7.6058, 14.7969



0.4491, 0.2203, 0.5268

Previews

White Background



This preview shows how the XYZ color 26.5651, 35.9707, 27.3727 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 26.5651, 35.9707, 27.3727 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 26.5651, 35.9707, 27.3727

Background



This preview shows how black text looks on a background with the XYZ color 26.5651, 35.9707, 27.3727.



This preview shows how white text looks on a background with the XYZ color 26.5651, 35.9707,

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

26.5651, 35.9707, 27.3727

Protanopia

33.4598, 35.7411, 24.5372

Deuteranopia

36.1729, 35.5346, 28.2449



Tritanopia

30.9036, 35.7426, 49.5262

Trichromacy



Original Color

26.5651, 35.9707, 27.3727

Protanomaly

30.2950, 35.4103, 25.6602

Deuteranomaly

31.7907, 35.0635, 28.0141

Tritanomaly

29.1489, 35.8711, 40.5095

Monochromacy



Original Color

26.5651, 35.9707, 27.3727

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.3291, 32.6749, 31.6018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5651, 35.9707, 27.3727 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(115, 175, 132)` looks like.

```
.text, #text, p{  
    color:rgb(115, 175, 132)  
}
```

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(115, 175, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 175, 132) }
```

Border

The CSS property to change the border of an element to XYZ 26.5651, 35.9707, 27.3727 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(115, 175, 132) }
```


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

```
.border{ border-color:rgb(115, 175, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 175, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 175, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 175, 132);  
box-shadow:4px 4px 4px 4px rgb(115, 175,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5651, 35.9707, 27.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 175, 132) }
```

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

```
.background{ background-color: rgb(115,  
175, 132) }
```

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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