

Converting Colors

XYZ(26.3774, 30.6011, 33.7960)

Have a look what the booklet for
XYZ(26.3774, 30.6011, 33.7960)
contains.

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Color

**XYZ(26.3765, 30.6005,
33.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	809C97
RGB	128, 156, 151
RGB Percent	50%, 61%, 59%
CMY	0.4980, 0.3882, 0.4078
CMYK	0.18, 0.00, 0.03, 0.39
HSL	169°, 12%, 56%
HSV	169°, 18%, 61%
XYZ	26.3765, 30.6005, 33.7945
YIQ	147.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

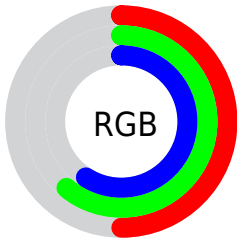
Format	Color
RYB	128, 143, 156
Decimal	8428695
CIELab	62.17, -10.80, -0.64
CIELCh	62, 10.820, 183.383
Yxy	30.6005, 0.2906, 0.3371
Android (android.graphics.Color)	4286618775 (0xFF809C97)
YUV	147.0580, 1.9434, -16.7139
Hunter-Lab	55.3177, -11.6939, 2.5012

Details

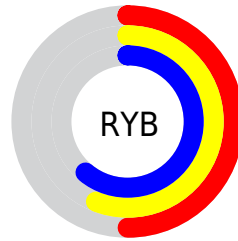
The XYZ color **26.3765, 30.6005, 33.7945** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.6642, 24.2006, 25.5102**, and the grayscale version is **27.7545, 29.1999, 31.7987**.

A 20% lighter version of the original color is **53.3698, 60.8201, 66.6842**, and **10.4937, 12.6430, 13.9438** is the 20% darker color. If you saturate the color by 10%, you get **23.9846, 29.3941, 32.5156**, and if you desaturate by 10%, it is **29.1363, 31.9976, 35.1199**.

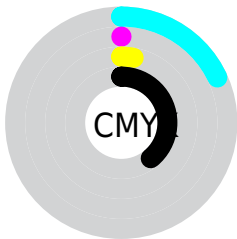
Distribution



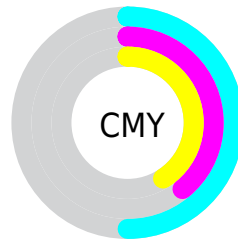
- Red (50%)
- Green (61%)
- Blue (59%)



- Red (50%)
- Yellow (56%)
- Blue (61%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (50%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3765, 30.6005, 33.7945 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 26.3765, 30.6005, 33.7945 by changing the saturation by 10% instead.

■ 26.3765, 30.6005,
33.7945

■ 26.3765, 30.6005,
33.7945

276.8484,
304.6936, 333.9559

■ 17.2397, 20.2948,
22.4597

■ 53.3087, 60.6105,
66.7442

■ 10.5019, 12.6095,
13.9935

■ 71.8348, 81.0837,
89.1962

■ 5.7978, 7.1602,
7.9775

■ 94.2213, 105.7148,
116.1910

■ 2.7620, 3.5625,
3.9930

120.8337,
134.8883, 148.1471

■ 1.0292, 1.4320,
1.6215

152.0372,
168.9885, 185.4831

■ 0.0000, 0.2401,
0.3061

188.1972,

■ 0.0000, 0.0000,

208.3999, 228.6176

0.0000

229.6792,
253.5068, 277.9690

■ 26.3765, 30.6005,
33.7945

■ 26.3765, 30.6005,
33.7945

■ 23.9846, 29.3941,
32.5156

■ 29.1363, 31.9976,
35.1199

■ 21.9415, 28.3661,
31.2801

■ 32.2768, 33.5895,
36.4905

■ 20.2303, 27.5086,
30.0877

■ 35.8134, 35.3850,
37.9080

■ 18.8318, 26.8116,
28.9373

■ 39.7598, 37.3911,
39.3732

■ 17.7246, 26.2642,
27.8276

■ 44.1292, 39.6146,
40.8868

■ 16.8847, 25.8540,
26.7575

■ 48.9339, 42.0619,
42.4497

■ 16.2840, 25.5666,
25.7253

■ 54.1861, 44.7393,
44.0625

■ 15.8721, 25.3759,
24.7285

■ 59.8973, 47.6525,
45.7260

■ 15.7942, 25.3401,
24.5277

■ 60.9736, 48.1759,
47.2021

Harmonies

Analogous

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



26.6511, 30.6005, 29.8513



26.3765, 30.6005, 33.7945



26.8074, 30.6005, 37.9320

Triad

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



26.3765, 30.6005, 33.7945



30.6540, 30.6005, 40.4786



30.3584, 30.6005, 26.6472

Complementary

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



26.3765, 30.6005, 33.7945



25.6642, 24.2006, 25.5102

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.



31.4878, 30.6005, 29.0955



26.3765, 30.6005, 33.7945



31.6625, 30.6005, 37.0448

Square

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



26.3765, 30.6005, 33.7945



29.2505, 30.6005, 41.9884



31.9725, 30.6005, 32.8475



28.9198, 30.6005, 25.9330

Rectangle

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



26.3765, 30.6005, 33.7945



27.4454, 30.6005, 40.1835



31.9725, 30.6005, 32.8475



30.7883, 30.6005, 27.2840

Sweetspot

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



26.3774, 30.6018, 33.7952



54.4715, 58.9013, 64.4858



25.4797, 30.3342, 24.9348



11.9070, 12.9208, 14.1544



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.3774, 30.6018, 33.7952



45.8766, 54.5537, 60.3263



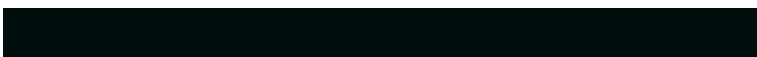
25.3583, 27.8995, 35.5026



6.7710, 7.4891, 8.2285



13.0205, 20.8761, 20.2627



0.2450, 0.3781, 0.4264

Inverse Universe

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



25.6642, 24.2006, 25.5102



44.3084, 40.4700, 42.1019



26.5344, 26.4809, 24.1355



6.6790, 6.6645, 7.1610



11.4741, 5.8942, 1.4817



0.2169, 0.1101, 0.0883

Previews

White Background



This preview shows how the XYZ color 26.3765, 30.6005, 33.7945 looks on a white background.

Color Contrast Check

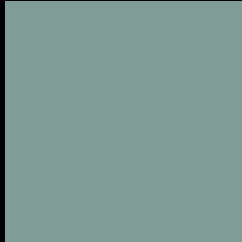
Large Text (above 18pt) WCAG AA × Fail

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 26.3765, 30.6005, 33.7945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

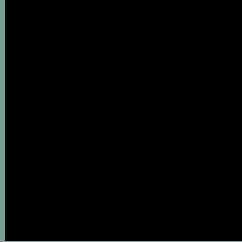
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

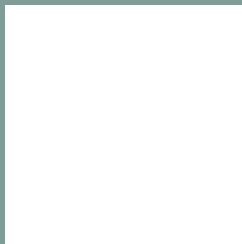
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3765, 30.6005, 33.7945

Background



This preview shows how black text looks on a background with the XYZ color 26.3765, 30.6005, 33.7945.



This preview shows how white text looks on a background with the XYZ color 26.3765, 30.6005,

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

26.3765, 30.6005, 33.7945

Protanopia

29.1508, 30.3738, 31.9301

Deuteranopia

30.9794, 30.3372, 34.3599



Tritanopia

27.7986, 30.6897, 40.5349

Trichromacy



Original Color

26.3765, 30.6005, 33.7945

Protanomaly

28.0751, 30.5239, 32.4290

Deuteranomaly

28.9926, 30.2459, 34.0157

Tritanomaly

27.3603, 30.7617, 38.2138

Monochromacy



Original Color

26.3765, 30.6005, 33.7945

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0669, 29.5263, 32.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3765, 30.6005, 33.7945 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(128, 156, 151)` looks like.

```
.text, #text, p{  
    color:rgb(128, 156, 151)  
}
```

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(128, 156, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 156, 151) }
```

Border

The CSS property to change the border of an element to XYZ 26.3765, 30.6005, 33.7945 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(128, 156, 151) }
```


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

```
.border{ border-color:rgb(128, 156, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 156, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 156, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 156, 151);  
box-shadow:4px 4px 4px 4px rgb(128, 156,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3765, 30.6005, 33.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 156, 151) }
```

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

```
.background{ background-color: rgb(128,  
156, 151) }
```

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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