

Converting Colors

XYZ(26.9338, 30.1470, 33.7970)

Have a look what the booklet for
XYZ(26.9338, 30.1470, 33.7970)
contains.

XYZ(26.9688, 30.1677, 33.6797)	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(26.9688, 30.1677,
33.6797)**

Conversions

Conversions Part 1

Format	Color
Hex	879997
RGB	135, 153, 151
RGB Percent	53%, 60%, 59%
CMY	0.4706, 0.4000, 0.4078
CMYK	0.12, 0.00, 0.01, 0.40
HSL	173°, 8%, 56%
HSV	173°, 12%, 60%
XYZ	26.9688, 30.1677, 33.6797
YIQ	147.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

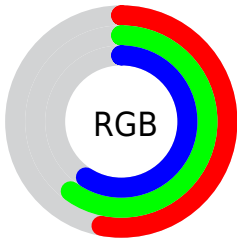
Format	Color
RYB	135, 145, 153
Decimal	8886679
CIELab	61.80, -6.78, -1.12
CIELCh	62, 6.874, 189.405
Yxy	30.1677, 0.2970, 0.3322
Android (android.graphics.Color)	4287076759 (0xFF879997)
YUV	147.3900, 1.7797, -10.8660
Hunter-Lab	54.9251, -8.4737, 2.0914

Details

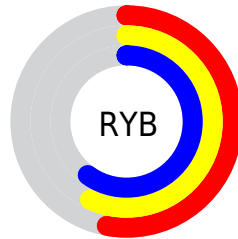
The XYZ color **26.9688, 30.1677, 33.6797** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3173, 25.9072, 27.2817**, and the grayscale version is **27.8912, 29.3437, 31.9553**.

A 20% lighter version of the original color is **54.0713, 59.7248, 66.4358**, and **10.7979, 12.3541, 13.8721** is the 20% darker color. If you saturate the color by 10%, you get **24.5448, 28.9348, 32.8506**, and if you desaturate by 10%, it is **29.7503, 31.5863, 34.5372**.

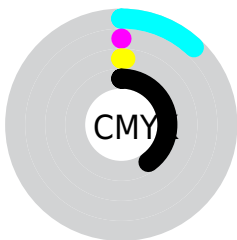
Distribution



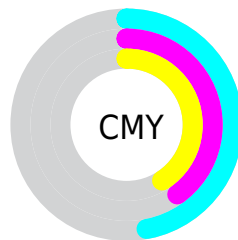
- Red (53%)
- Green (60%)
- Blue (59%)



- Red (53%)
- Yellow (57%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9688, 30.1677, 33.6797 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 26.9688, 30.1677, 33.6797 by changing the saturation by 10% instead.

■ 26.9688, 30.1677,
33.6797

■ 26.9688, 30.1677,
33.6797

279.6763,
302.6854, 333.4269

■ 17.6863, 19.9659,
22.3723

■ 54.2540, 59.9273,
66.5635

■ 10.8233, 12.3703,
13.9298

■ 72.9874, 80.2539,
88.9769

■ 6.0146, 6.9964,
7.9336

■ 95.6019, 104.7242,
115.9294

■ 2.8947, 3.4598,
3.9654

122.4626,
133.7226, 147.8395

■ 1.0983, 1.3762,
1.6064

153.9351,
167.6335, 185.1258

■ 0.0237, 0.1991,
0.2953

190.3846,

■ 0.0000, 0.0000,

206.8414, 228.2067

0.0000

232.1766,
251.7305, 277.5009

■ 26.9688, 30.1677,
33.6797

■ 26.9688, 30.1677,
33.6797

■ 24.5448, 28.9348,
32.8506

■ 29.7503, 31.5863,
34.5372

■ 22.4608, 27.8760,
32.0471

■ 32.9008, 33.1942,
35.4219

■ 20.7014, 26.9845,
31.2691

■ 36.4347, 34.9994,
36.3350

■ 19.2493, 26.2510,
30.5158

■ 40.3645, 37.0085,
37.2771

■ 18.0854, 25.6660,
29.7863

■ 44.7024, 39.2278,
38.2490

■ 17.1886, 25.2183,
29.0794

■ 49.4600, 41.6632,
39.2511

■ 16.5346, 24.8957,
28.3941

■ 54.6484, 44.3204,
40.2840

■ 16.0951, 24.6834,
27.7289

■ 59.3883, 46.7462,
41.3067

■ 15.8347, 24.5607,
27.1935

■ 59.5438, 46.8084,
42.1255

Harmonies

Analogous

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



27.0543, 30.1677, 31.1029



26.9688, 30.1677, 33.6797



27.3325, 30.1677, 36.1587

Triad

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



26.9688, 30.1677, 33.6797



29.8075, 30.1677, 36.9061



29.2982, 30.1677, 28.3433

Complementary

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



26.9688, 30.1677, 33.6797



26.3173, 25.9072, 27.2817

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.



30.0577, 30.1677, 29.7449



26.9688, 30.1677, 33.6797



30.3560, 30.1677, 34.6561

Square

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



26.9688, 30.1677, 33.6797



28.9626, 30.1677, 38.0858



30.4486, 30.1677, 32.0291



28.3863, 30.1677, 28.1130

Rectangle

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



26.9688, 30.1677, 33.6797



27.7854, 30.1677, 37.3891



30.4486, 30.1677, 32.0291



29.5804, 30.1677, 28.6894

Sweetspot

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



26.9697, 30.1690, 33.6804



52.0670, 55.9479, 61.4900



26.0982, 29.8598, 27.3101



11.4170, 12.3131, 13.5535



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.9697, 30.1690, 33.6804



47.1482, 53.4414, 59.9373



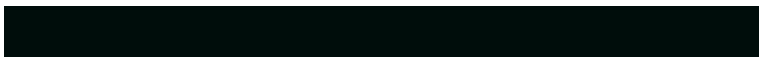
26.0366, 28.0404, 34.1785



6.3550, 7.0147, 7.7927



13.0941, 20.3011, 22.5138



0.2031, 0.3064, 0.3752

Inverse Universe

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



26.3173, 25.9072, 27.2817



45.7545, 44.3366, 46.2680



27.1692, 27.8388, 26.8636



6.2353, 6.2333, 6.6195



10.9480, 5.6334, 0.9850



0.1701, 0.0868, 0.0485

Previews

White Background



This preview shows how the XYZ color 26.9688, 30.1677, 33.6797 looks on a white background.

Color Contrast Check

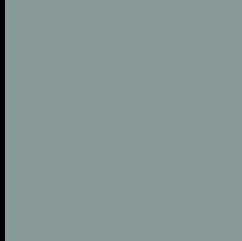
Large Text (above 18pt) WCAG AA × Fail

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 26.9688, 30.1677, 33.6797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

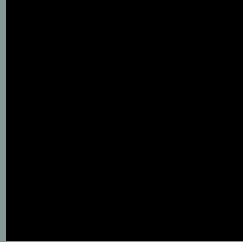
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

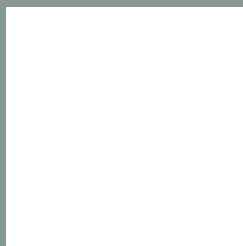
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9688, 30.1677, 33.6797

Background



This preview shows how black text looks on a background with the XYZ color 26.9688, 30.1677, 33.6797.



This preview shows how white text looks on a background with the XYZ color 26.9688, 30.1677,

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

26.9688, 30.1677, 33.6797

Protanopia

28.8841, 29.9933, 32.2839

Deuteranopia

30.6233, 29.9278, 34.2996



Tritanopia

27.9940, 30.0959, 38.9840

Trichromacy



Original Color

26.9688, 30.1677, 33.6797

Protanomaly

28.1852, 30.0936, 32.7569

Deuteranomaly

29.0501, 29.8098, 33.9285

Tritanomaly

27.6396, 30.1939, 37.1721

Monochromacy



Original Color

26.9688, 30.1677, 33.6797

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4204, 29.4727, 32.2606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9688, 30.1677, 33.6797 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(135, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(135, 153, 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(135, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 153, 151) }
```

Border

The CSS property to change the border of an element to XYZ 26.9688, 30.1677, 33.6797 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(135, 153, 151) }
```


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

```
.border{ border-color:rgb(135, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 153, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 153, 151); box-shadow:4px 4px 4px 4px rgb(135, 153, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9688, 30.1677, 33.6797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 153, 151) }
```

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

```
.background{ background-color: rgb(135,  
153, 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](#).

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