

Converting Colors

XYZ(27.4265, 29.7115, 33.3994)

Have a look what the booklet for
XYZ(27.4265, 29.7115, 33.3994)
contains.

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Color

**XYZ(27.4768, 29.7098,
33.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9697
RGB	141, 150, 151
RGB Percent	55%, 59%, 59%
CMY	0.4471, 0.4118, 0.4078
CMYK	0.07, 0.01, 0.00, 0.41
HSL	186°, 5%, 57%
HSV	186°, 7%, 59%
XYZ	27.4768, 29.7098, 33.5645
YIQ	147.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

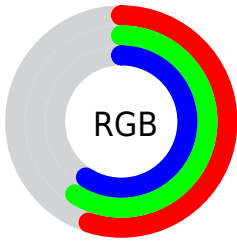
Format	Color
R_{YB}	141, 146, 151
Decimal	9279127
CIE Lab	61.40, -3.03, -1.65
CIE LCh	61, 3.447, 208.616
Yxy	29.7098, 0.3028, 0.3274
Android (android.graphics.Color)	4287469207 (0xFF8D9697)
YUV	147.4230, 1.7635, -5.6330
Hunter-Lab	54.5067, -5.4050, 1.6447

Details

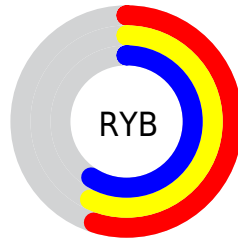
The XYZ color **27.4768, 29.7098, 33.5645** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2433, 27.8482, 29.1392**, and the grayscale version is **27.9037, 29.3568, 31.9696**.

A 20% lighter version of the original color is **55.1180, 59.1956, 66.2785**, and **11.0765, 12.0679, 13.8021** is the 20% darker color. If you saturate the color by 10%, you get **24.8437, 27.9987, 33.3735**, and if you desaturate by 10%, it is **30.4648, 31.6101, 33.7743**.

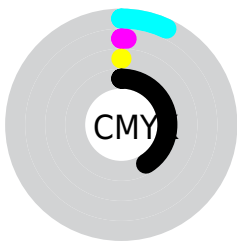
Distribution



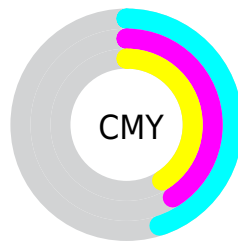
- Red (55%)
- Green (59%)
- Blue (59%)



- Red (55%)
- Yellow (57%)
- Blue (59%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (45%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4768, 29.7098, 33.5645 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 27.4768, 29.7098, 33.5645 by changing the saturation by 10% instead.

■ 27.4768, 29.7098,
33.5645

■ 27.4768, 29.7098,
33.5645

282.0840,
300.5494, 332.8955

■ 18.0701, 19.6184,
22.2846

■ 55.0625, 59.2029,
66.3820

■ 11.1003, 12.1180,
13.8658

■ 73.9723, 79.3735,
88.7567

■ 6.2021, 6.8241,
7.8897

■ 96.7804, 103.6726,
115.6666

■ 3.0102, 3.3523,
3.9377

123.8522,
132.4845, 147.5305

■ 1.1592, 1.3183,
1.5912

155.5531,
166.1938, 184.7668

■ 0.0738, 0.1553,
0.2846

192.2485,

■ 0.0000, 0.0000,

205.1848, 227.7940

0.0000

234.3037,
249.8419, 277.0307

■ 27.4768, 29.7098,
33.5645

■ 27.4768, 29.7098,
33.5645

■ 24.8437, 27.9987,
33.3735

■ 30.4648, 31.6101,
33.7743

■ 22.5489, 26.4657,
33.1985

■ 33.8184, 33.7027,
34.0014

■ 20.5781, 25.1043,
33.0396

■ 37.5511, 35.9953,
34.2472

■ 18.9152, 23.9061,
32.8960

■ 41.6748, 38.4942,
34.5122

■ 17.5427, 22.8622,
32.7668

■ 46.2011, 41.2052,
34.7969

■ 16.4411, 21.9624,
32.6512

■ 51.1409, 44.1341,
35.1019

■ 15.5887, 21.1956,
32.5481

■ 56.5047, 47.2863,
35.4276

■ 14.9604, 20.5488,
32.4564

■ 59.7558, 49.3540,
35.6554

■ 14.5171, 20.0018,
32.3742

■ 60.0228, 49.8881,
35.7444

Harmonies

Analogous

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



27.3722, 29.7098, 32.2884



27.4768, 29.7098, 33.5645



27.7849, 29.7098, 34.5366

Triad

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



27.4768, 29.7098, 33.5645



28.9922, 29.7098, 33.6721



28.2594, 29.7098, 29.9069

Complementary

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



27.4768, 29.7098, 33.5645



27.2433, 27.8482, 29.1392

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.



28.6966, 29.7098, 30.2556



27.4768, 29.7098, 33.5645



29.1224, 29.7098, 32.4095

Square

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



27.4768, 29.7098, 33.5645



28.6596, 29.7098, 34.5999



29.0137, 29.7098, 31.1631



27.8211, 29.7098, 30.1977

Rectangle

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



27.4768, 29.7098, 33.5645



28.0658, 29.7098, 34.8693



29.0137, 29.7098, 31.1631



28.4114, 29.7098, 29.9530

Sweetspot

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



27.4777, 29.7111, 33.5652



51.5797, 54.7243, 60.2780



26.9216, 29.7444, 29.8485



11.7385, 12.4477, 13.7015



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.



27.4777, 29.7111, 33.5652



48.4425, 52.7151, 60.0555



26.7218, 28.1994, 33.3132



6.3319, 6.9212, 7.9312



12.2462, 16.8891, 27.5222



0.1963, 0.2789, 0.4159

Inverse Universe

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



27.7931, 27.8317, 32.7628



49.1331, 48.6154, 58.2954



27.9785, 29.3185, 29.3843



6.4347, 6.3130, 7.6690



14.6401, 7.1103, 20.4275



0.2255, 0.1090, 0.3405

Previews

White Background



This preview shows how the XYZ color 27.4768, 29.7098, 33.5645 looks on a white background.

Color Contrast Check

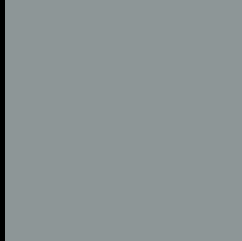
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4768, 29.7098, 33.5645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

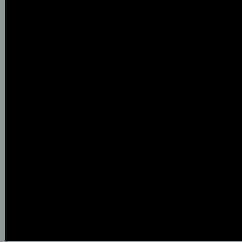
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

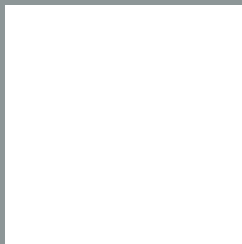
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4768, 29.7098, 33.5645

Background



This preview shows how black text looks on a background with the XYZ color 27.4768, 29.7098, 33.5645.



This preview shows how white text looks on a background with the XYZ color 27.4768, 29.7098,

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

27.4768, 29.7098, 33.5645

Protanopia

28.4362, 29.5214, 32.6332

Deuteranopia

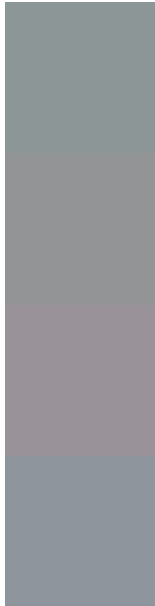
30.1380, 29.6871, 33.8475



Tritanopia

28.4203, 29.8726, 37.5258

Trichromacy



Original Color

27.4768, 29.7098, 33.5645

Protanomaly

28.1275, 29.5849, 33.0821

Deuteranomaly

29.0832, 29.5971, 33.8857

Tritanomaly

27.9886, 29.6800, 36.1519

Monochromacy



Original Color

27.4768, 29.7098, 33.5645

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6123, 29.3377, 32.2244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4768, 29.7098, 33.5645 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(141, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(141, 150, 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(141, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 150, 151) }
```

Border

The CSS property to change the border of an element to XYZ 27.4768, 29.7098, 33.5645 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(141, 150, 151) }
```


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

```
.border{ border-color:rgb(141, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(141, 150,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4768, 29.7098, 33.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 150, 151) }
```

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

```
.background{ background-color: rgb(141,  
150, 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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