

Converting Colors

XYZ(27.4796, 29.8554, 32.5934)

Have a look what the booklet for
XYZ(27.4796, 29.8554, 32.5934)
contains.

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Color

**XYZ(27.6468, 30.0539,
32.7776)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9795
RGB	142, 151, 149
RGB Percent	56%, 59%, 58%
CMY	0.4431, 0.4078, 0.4157
CMYK	0.06, 0.00, 0.01, 0.41
HSL	167°, 4%, 57%
HSV	167°, 6%, 59%
XYZ	27.6468, 30.0539, 32.7776
YIQ	148.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

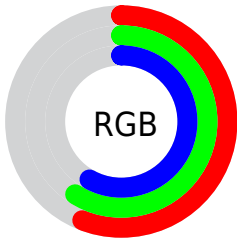
Format	Color
RYB	142, 147, 151
Decimal	9344917
CIELab	61.70, -3.63, -0.07
CIELCh	62, 3.630, 181.163
Yxy	30.0539, 0.3056, 0.3322
Android (android.graphics.Color)	4287534997 (0xFF8E9795)
YUV	148.0810, 0.4531, -5.3330
Hunter-Lab	54.8214, -5.9188, 2.9257

Details

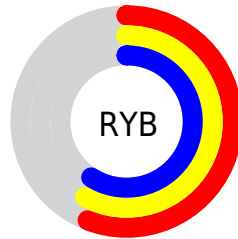
The XYZ color **27.6468, 30.0539, 32.7776** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4707, 27.9398, 30.3322**, and the grayscale version is **28.1824, 29.6501, 32.2889**.

A 20% lighter version of the original color is **55.3758, 59.7102, 65.1065**, and **11.1754, 12.2715, 13.3349** is the 20% darker color. If you saturate the color by 10%, you get **24.9654, 28.7029, 31.2729**, and if you desaturate by 10%, it is **30.6887, 31.5915, 34.3408**.

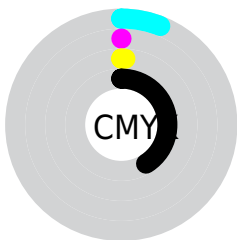
Distribution



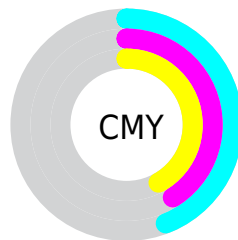
- Red (56%)
- Green (59%)
- Blue (58%)



- Red (56%)
- Yellow (58%)
- Blue (59%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6468, 30.0539, 32.7776 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 27.6468, 30.0539, 32.7776 by changing the saturation by 10% instead.

■ 27.6468, 30.0539,
32.7776

■ 27.6468, 30.0539,
32.7776

282.8861,
302.1556, 329.2476

■ 18.1987, 19.8795,
21.6864

■ 55.3326, 59.7474,
65.1402

■ 11.1933, 12.3075,
13.4305

■ 74.3011, 80.0353,
87.2486

■ 6.2652, 6.9534,
7.5915

■ 97.1736, 104.4632,
113.8665

■ 3.0492, 3.4330,
3.7507

124.3157,
133.4154, 145.4125

■ 1.1798, 1.3618,
1.4896

156.0926,
167.2763, 182.3051

■ 0.0904, 0.1883,
0.2102

192.8698,

■ 0.0000, 0.0000,

206.4304, 224.9628

0.0000

235.0125,
251.2621, 273.8041

■ 27.6468, 30.0539,
32.7776

■ 27.6468, 30.0539,
32.7776

■ 24.9654, 28.7029,
31.2729

■ 30.6887, 31.5915,
34.3408

■ 22.6277, 27.5275,
29.8237

■ 34.1018, 33.3186,
35.9615

■ 20.6198, 26.5211,
28.4296

■ 37.8995, 35.2432,
37.6412

■ 18.9253, 25.6755,
27.0895

■ 42.0939, 37.3713,
39.3809

■ 17.5268, 24.9816,
25.8024

■ 46.6964, 39.7089,
41.1813

■ 16.4050, 24.4295,
24.5668

■ 51.7180, 42.2616,
43.0433

■ 15.5382, 24.0080,
23.3815

■ 57.1694, 45.0350,
44.9678

■ 14.9016, 23.7043,
22.2449

■ 60.1309, 46.5238,
46.8183

■ 14.4596, 23.5001,
21.1549

■ 60.4671, 46.6583,
48.5889

Harmonies

Analogous

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



27.7595, 30.0539, 31.4574



27.6468, 30.0539, 32.7776



27.7779, 30.0539, 34.1194

Triad

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



27.6468, 30.0539, 32.7776



29.0486, 30.0539, 35.0528



29.0156, 30.0539, 30.4484

Complementary

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



27.6468, 30.0539, 32.7776



27.4707, 27.9398, 30.3322

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.



29.3675, 30.0539, 31.3664



27.6468, 30.0539, 32.7776



29.3867, 30.0539, 34.0233

Square

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



27.6468, 30.0539, 32.7776



28.5842, 30.0539, 35.4556



29.5040, 30.0539, 32.6696



28.5465, 30.0539, 30.1357

Rectangle

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



27.6468, 30.0539, 32.7776



27.9869, 30.0539, 34.8395



29.5040, 30.0539, 32.6696



29.1517, 30.0539, 30.6952

Sweetspot

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



27.6477, 30.0552, 32.7783



51.5688, 54.8614, 59.7840



27.4692, 30.0258, 29.9396



11.7361, 12.4770, 13.5960



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.



27.6477, 30.0552, 32.7783



48.9120, 53.5202, 58.3760



27.4265, 29.3548, 33.5001



6.4471, 7.0642, 7.7053



12.1779, 19.9346, 17.6892



0.1951, 0.3032, 0.3329

Inverse Universe

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



27.4707, 27.9398, 30.3322



48.5354, 49.0180, 53.1699



27.6800, 28.6012, 29.6535



6.3957, 6.4496, 6.9945



11.1073, 5.6972, 1.8241



0.1779, 0.0899, 0.0894

Previews

White Background



This preview shows how the XYZ color 27.6468, 30.0539, 32.7776 looks on a white background.

Color Contrast Check

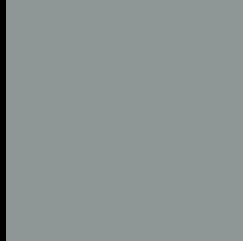
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6468, 30.0539, 32.7776 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

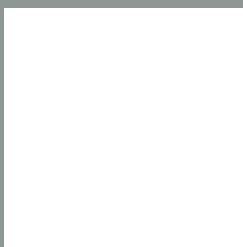
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6468, 30.0539, 32.7776

Background



This preview shows how black text looks on a background with the XYZ color 27.6468, 30.0539, 32.7776.



This preview shows how white text looks on a background with the XYZ color 27.6468, 30.0539,

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

27.6468, 30.0539, 32.7776

Protanopia

28.8053, 29.9618, 31.8688

Deuteranopia

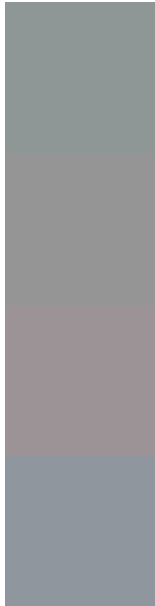
30.3786, 29.8299, 33.0108



Tritanopia

28.6821, 29.9974, 37.9966

Trichromacy



Original Color

27.6468, 30.0539, 32.7776

Protanomaly

28.3055, 29.9289, 32.3020

Deuteranomaly

29.4563, 30.0380, 33.0996

Tritanomaly

28.3198, 30.0867, 36.2130

Monochromacy



Original Color

27.6468, 30.0539, 32.7776

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9468, 29.7440, 32.2852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6468, 30.0539, 32.7776 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(142, 151, 149)` looks like.

```
.text, #text, p{  
    color:rgb(142, 151, 149)  
}
```

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(142, 151, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 151, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.6468, 30.0539, 32.7776 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(142, 151, 149) }
```


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

```
.border{ border-color:rgb(142, 151, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 151, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 151, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 151, 149);  
box-shadow:4px 4px 4px 4px rgb(142, 151,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6468, 30.0539, 32.7776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 151, 149) }
```

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

```
.background{ background-color: rgb(142,  
151, 149) }
```

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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