

Converting Colors

XYZ(27.4644, 30.3104, 37.4028)

Have a look what the booklet for
XYZ(27.4644, 30.3104, 37.4028)
contains.

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Color

**XYZ(27.4808, 30.3540,
37.2114)**

Conversions

Conversions Part 1

Format	Color
Hex	86999F
RGB	134, 153, 159
RGB Percent	53%, 60%, 62%
CMY	0.4745, 0.4000, 0.3765
CMYK	0.16, 0.04, 0.00, 0.38
HSL	194°, 12%, 57%
HSV	194°, 16%, 62%
XYZ	27.4808, 30.3540, 37.2114
YIQ	148.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

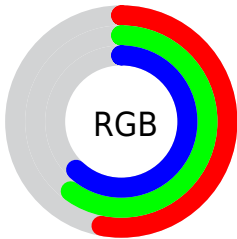
Format	Color
R_{YB}	134, 145, 159
Decimal	8821151
CIE _{Lab}	61.96, -5.40, -5.42
CIE _{LCh}	62, 7.654, 225.079
Yxy	30.3540, 0.2891, 0.3194
Android (android.graphics.Color)	4287011231 (0xFF86999F)
YUV	148.0030, 5.4215, -12.2806
Hunter-Lab	55.0945, -7.3805, -1.4790

Details

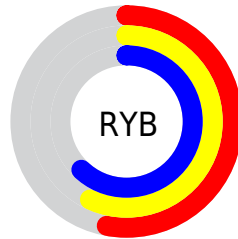
The XYZ color **27.4808, 30.3540, 37.2114** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9795, 27.8484, 26.4556**, and the grayscale version is **28.1324, 29.5974, 32.2316**.

A 20% lighter version of the original color is **54.9439, 60.0455, 72.3124**, and **11.1143, 12.4703, 16.0086** is the 20% darker color. If you saturate the color by 10%, you get **24.5204, 27.9165, 36.8974**, and if you desaturate by 10%, it is **30.8440, 33.0304, 37.5512**.

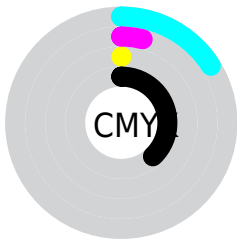
Distribution



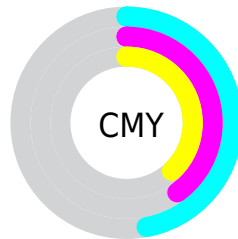
- Red (53%)
- Green (60%)
- Blue (62%)



- Red (53%)
- Yellow (57%)
- Blue (62%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4808, 30.3540, 37.2114 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 27.4808, 30.3540, 37.2114 by changing the saturation by 10% instead.

■ 27.4808, 30.3540,
37.2114

■ 27.4808, 30.3540,
37.2114

282.1029,
303.5511, 349.4211

■ 18.0731, 20.1074,
25.0741

■ 55.0689, 60.2216,
72.0878

■ 11.1025, 12.4732,
15.9128

■ 73.9800, 80.6113,
95.6639

■ 6.2036, 7.0668,
9.3088

■ 96.7896, 105.1510,
123.8902

■ 3.0111, 3.5039,
4.8436

123.8631,
134.2249, 157.1850

■ 1.1596, 1.4001,
2.0986

155.5658,
168.2175, 195.9670

■ 0.0741, 0.2168,
0.6150

192.2631,

■ 0.0000, 0.0000,

207.5131, 240.6546

0.0000

234.3204,
252.4962, 291.6665

■ 27.4808, 30.3540,
37.2114

■ 27.4808, 30.3540,
37.2114

■ 24.5204, 27.9165,
36.8974

■ 30.8440, 33.0304,
37.5512

■ 21.9431, 25.7050,
36.6064

■ 34.6233, 35.9504,
37.9157

■ 19.7312, 23.7110,
36.3381

■ 38.8350, 39.1235,
38.3061

■ 17.8648, 21.9239,
36.0915

■ 43.4932, 42.5573,
38.7234

■ 16.3218, 20.3321,
35.8656

■ 48.6119, 46.2590,
39.1681

■ 15.0777, 18.9226,
35.6591

■ 54.2040, 50.2358,
39.6410

■ 14.1039, 17.6804,
35.4707

■ 60.2821, 54.4944,
40.1426

■ 13.3625, 16.5856,
35.2984

■ 64.5393, 57.8457,
40.5651

■ 13.0777, 16.1424,
35.2279

■ 65.3398, 59.4467,
40.8319

Harmonies

Analogous

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



26.9886, 30.3540, 34.5410



27.4808, 30.3540, 37.2114



28.3459, 30.3540, 38.8115

Triad

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



27.4808, 30.3540, 37.2114



30.7977, 30.3540, 34.5255



28.3407, 30.3540, 27.8932

Complementary

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



27.4808, 30.3540, 37.2114



27.9795, 27.8484, 26.4556

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.



29.3611, 30.3540, 27.8896



27.4808, 30.3540, 37.2114



30.7962, 30.3540, 31.6032

Square

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



27.4808, 30.3540, 37.2114



30.2691, 30.3540, 37.1995



30.2651, 30.3540, 29.2117



27.4771, 30.3540, 29.2218

Rectangle

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



27.4808, 30.3540, 37.2114



29.0254, 30.3540, 38.9990



30.2651, 30.3540, 29.2117



28.6764, 30.3540, 27.7396

Sweetspot

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



27.4817, 30.3553, 37.2121



55.6404, 59.4687, 67.2895



26.9516, 31.7537, 29.4558



12.4484, 13.3322, 15.1609



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.4817, 30.3553, 37.2121



47.2053, 52.7254, 66.4325



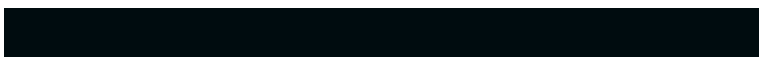
25.5660, 26.5238, 36.5735



6.6869, 7.2396, 8.4516



10.3624, 12.8163, 27.8349



0.2154, 0.2894, 0.5077

Inverse Universe

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



28.5737, 26.7218, 33.7902



49.5748, 44.9876, 58.9747



29.8841, 31.6576, 27.0904



6.8361, 6.7273, 7.9878



14.0287, 6.9160, 14.9338



0.2660, 0.1297, 0.3471

Previews

White Background



This preview shows how the XYZ color 27.4808, 30.3540, 37.2114 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 27.4808, 30.3540, 37.2114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

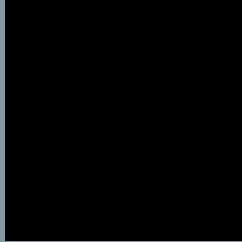
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

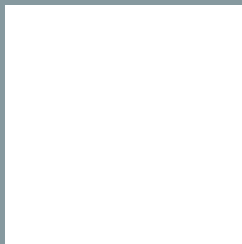
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4808, 30.3540, 37.2114

Background



This preview shows how black text looks on a background with the XYZ color 27.4808, 30.3540, 37.2114.



This preview shows how white text looks on a background with the XYZ color 27.4808, 30.3540,

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

27.4808, 30.3540, 37.2114

Protanopia

29.3259, 30.3792, 35.7706

Deuteranopia

30.8565, 30.1949, 37.9201



Tritanopia

27.9208, 30.2877, 39.4965

Trichromacy



Original Color

27.4808, 30.3540, 37.2114

Protanomaly

28.4937, 30.1763, 36.2211

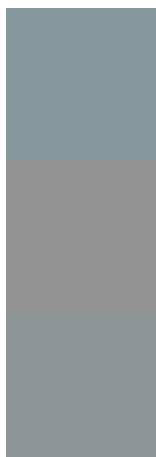
Deuteranomaly

29.5127, 30.2019, 37.5318

Tritanomaly

27.7415, 30.2160, 38.5526

Monochromacy



Original Color

27.4808, 30.3540, 37.2114

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9015, 29.9193, 34.0102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4808, 30.3540, 37.2114 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(134, 153, 159)` looks like.

```
.text, #text, p{  
    color:rgb(134, 153, 159)  
}
```

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(134, 153, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 153, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.4808, 30.3540, 37.2114 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(134, 153, 159) }
```


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

```
.border{ border-color:rgb(134, 153, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 153, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(134, 153,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4808, 30.3540, 37.2114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 153, 159) }
```

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

```
.background{ background-color: rgb(134,  
153, 159) }
```

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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