

Converting Colors

XYZ(27.2531, 30.1278, 36.9086)

Have a look what the booklet for
XYZ(27.2531, 30.1278, 36.9086)
contains.

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Color

**XYZ(27.2357, 30.2376,
36.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	85999E
RGB	133, 153, 158
RGB Percent	52%, 60%, 62%
CMY	0.4784, 0.4000, 0.3804
CMYK	0.16, 0.03, 0.00, 0.38
HSL	192°, 11%, 57%
HSV	192°, 16%, 62%
XYZ	27.2357, 30.2376, 36.7487
YIQ	147.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

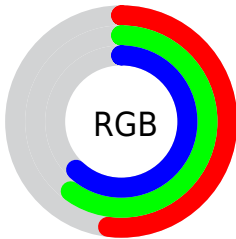
Format	Color
RYB	133, 144, 158
Decimal	8755614
CIELab	61.86, -5.96, -5.01
CIELCh	62, 7.786, 220.046
Yxy	30.2376, 0.2891, 0.3209
Android (android.graphics.Color)	4286945694 (0xFF85999E)
YUV	147.5900, 5.1321, -12.7954
Hunter-Lab	54.9887, -7.8199, -1.1311

Details

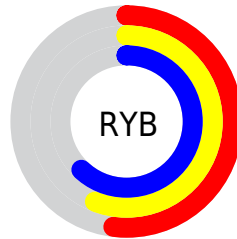
The XYZ color **27.2357, 30.2376, 36.7487** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4230, 27.1397, 25.9842**, and the grayscale version is **27.9618, 29.4179, 32.0361**.

A 20% lighter version of the original color is **54.5728, 59.8688, 71.6303**, and **10.9725, 12.4033, 15.7257** is the 20% darker color. If you saturate the color by 10%, you get **24.4164, 28.0276, 36.4712**, and if you desaturate by 10%, it is **30.4457, 32.6710, 37.0497**.

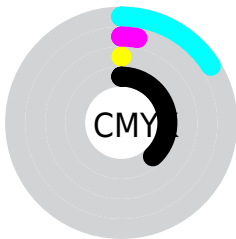
Distribution



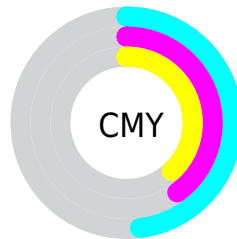
- Red (52%)
- Green (60%)
- Blue (62%)



- Red (52%)
- Yellow (56%)
- Blue (62%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (48%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2357, 30.2376, 36.7487 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 27.2357, 30.2376, 36.7487 by changing the saturation by 10% instead.

■ 27.2357, 30.2376,
36.7487

■ 27.2357, 30.2376,
36.7487

280.9433,
303.0104, 347.3571

■ 17.8878, 20.0190,
24.7187

■ 54.6791, 60.0377,
71.3681

■ 10.9687, 12.4089,
15.6505

■ 73.5053, 80.3880,
94.7946

■ 6.1129, 7.0228,
9.1255

■ 96.2217, 104.8844,
122.8571

■ 2.9552, 3.4763,
4.7252

123.1935,
133.9112, 155.9740

■ 1.1301, 1.3852,
2.0311

154.7863,
167.8528, 194.5639

■ 0.0501, 0.2058,
0.5743

191.3653,

■ 0.0000, 0.0000,

207.0936, 239.0454

0.0000

233.2958,
252.0180, 289.8369

■ 27.2357, 30.2376,
36.7487

■ 27.2357, 30.2376,
36.7487

■ 24.4164, 28.0276,
36.4712

■ 30.4457, 32.6710,
37.0497

■ 21.9684, 26.0283,
36.2143

■ 34.0595, 35.3322,
37.3729

■ 19.8745, 24.2316,
35.9779

■ 38.0929, 38.2303,
37.7197

■ 18.1150, 22.6272,
35.7609

■ 42.5599, 41.3728,
38.0908

■ 16.6684, 21.2037,
35.5624

■ 47.4741, 44.7667,
38.4869

■ 15.5104, 19.9486,
35.3812

■ 52.8482, 48.4188,
38.9086

■ 14.6131, 18.8472,
35.2159

■ 58.6946, 52.3355,
39.3564

■ 13.9386, 17.8798,
35.0647

■ 63.3866, 55.6786,
39.7544

■ 13.6854, 17.4961,
35.0040

■ 64.0237, 56.9527,
39.9668

Harmonies

Analogous

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



26.8150, 30.2376, 33.9331



27.2357, 30.2376, 36.7487



28.0627, 30.2376, 38.6072

Triad

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



27.2357, 30.2376, 36.7487



30.6614, 30.2376, 34.9175



28.3924, 30.2376, 27.5988

Complementary

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



27.2357, 30.2376, 36.7487



27.4230, 27.1397, 25.9842

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.



29.4280, 30.2376, 27.8271



27.2357, 30.2376, 36.7487



30.7549, 30.2376, 31.9344

Square

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



27.2357, 30.2376, 36.7487



30.0462, 30.2376, 37.5066



30.2986, 30.2376, 29.3736



27.4721, 30.2376, 28.7300

Rectangle

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



27.2357, 30.2376, 36.7487



28.7415, 30.2376, 38.9909



30.2986, 30.2376, 29.3736



28.7383, 30.2376, 27.5208

Sweetspot

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



27.2366, 30.2389, 36.7494



55.7388, 59.6654, 67.3223



26.4577, 31.2638, 28.5277



12.4734, 13.3823, 15.1693



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.



27.2366, 30.2389, 36.7494



47.5639, 53.4426, 66.5520



25.3577, 26.4811, 36.1231



6.7091, 7.2840, 8.4590



10.9884, 14.0683, 28.0435



0.2228, 0.3042, 0.5102

Inverse Universe

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



28.2386, 26.3449, 33.7351



49.7558, 45.0600, 59.9278



29.2544, 30.8025, 26.5947



6.8473, 6.7318, 8.0469



14.3446, 7.0424, 16.5977



0.2698, 0.1312, 0.3667

Previews

White Background



This preview shows how the XYZ color 27.2357, 30.2376, 36.7487 looks on a white background.

Color Contrast Check

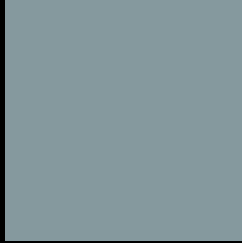
Large Text (above 18pt) WCAG AA × Fail

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 27.2357, 30.2376, 36.7487 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

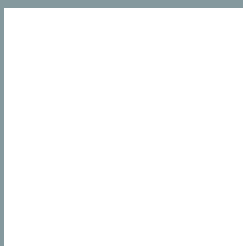
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2357, 30.2376, 36.7487

Background



This preview shows how black text looks on a background with the XYZ color 27.2357, 30.2376, 36.7487.



This preview shows how white text looks on a background with the XYZ color 27.2357, 30.2376,

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

27.2357, 30.2376, 36.7487

Protanopia

29.0840, 30.0304, 35.2739

Deuteranopia

30.7686, 30.1598, 37.4574



Tritanopia

27.7606, 30.2051, 39.4890

Trichromacy



Original Color

27.2357, 30.2376, 36.7487

Protanomaly

28.4087, 30.1423, 35.7732

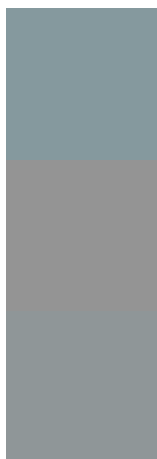
Deuteranomaly

29.4256, 30.1670, 37.0728

Tritanomaly

27.5813, 30.1334, 38.5451

Monochromacy



Original Color

27.2357, 30.2376, 36.7487

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 27.2357, 30.2376, 36.7487 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(133, 153, 158)` looks like.

```
.text, #text, p{  
    color:rgb(133, 153, 158)  
}
```

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(133, 153, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 153, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.2357, 30.2376, 36.7487 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(133, 153, 158) }
```


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

```
.border{ border-color:rgb(133, 153, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 153, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 153, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 153, 158);  
box-shadow:4px 4px 4px 4px rgb(133, 153,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2357, 30.2376, 36.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 153, 158) }
```

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

```
.background{ background-color: rgb(133,  
153, 158) }
```

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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