

Converting Colors

XYZ(27.1127, 29.8623, 37.3050)

Have a look what the booklet for
XYZ(27.1127, 29.8623, 37.3050)
contains.

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Color

**XYZ(27.1591, 29.9462,
37.1496)**

Conversions

Conversions Part 1

Format	Color
Hex	85989F
RGB	133, 152, 159
RGB Percent	52%, 60%, 62%
CMY	0.4784, 0.4039, 0.3765
CMYK	0.16, 0.04, 0.00, 0.38
HSL	196°, 12%, 57%
HSV	196°, 16%, 62%
XYZ	27.1591, 29.9462, 37.1496
YIQ	147.1170, -13.5710, -1.8510

Conversions

Conversions Part 2

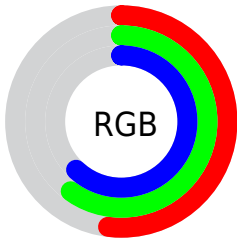
Format	Color
R_{YB}	133, 144, 159
Decimal	8755359
CIE _{Lab}	61.61, -5.19, -5.95
CIE _{LCh}	62, 7.892, 228.897
Yxy	29.9462, 0.2881, 0.3177
Android (android.graphics.Color)	4286945439 (0xFF85989F)
YUV	147.1170, 5.8583, -12.3806
Hunter-Lab	54.7231, -7.1759, -1.9437

Details

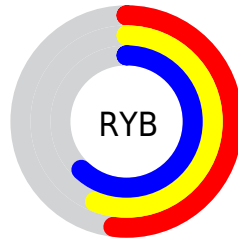
The XYZ color **27.1591, 29.9462, 37.1496** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9100, 27.8205, 26.0898**, and the grayscale version is **27.7628, 29.2086, 31.8082**.

A 20% lighter version of the original color is **54.4586, 59.4368, 72.2205**, and **10.9277, 12.2291, 15.9719** is the 20% darker color. If you saturate the color by 10%, you get **24.1545, 27.3854, 36.8142**, and if you desaturate by 10%, it is **30.5706, 32.7555, 37.5125**.

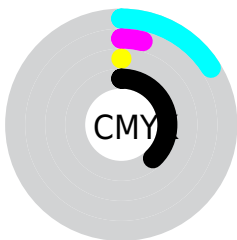
Distribution



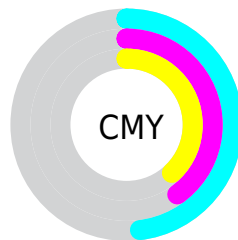
- Red (52%)
- Green (60%)
- Blue (62%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1591, 29.9462, 37.1496 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 27.1591, 29.9462, 37.1496 by changing the saturation by 10% instead.

■ 27.1591, 29.9462,
37.1496

■ 27.1591, 29.9462,
37.1496

280.5802,
301.6536, 349.1459

■ 17.8300, 19.7978,
25.0266

■ 54.5572, 59.5771,
71.9917

■ 10.9269, 12.2481,
15.8777

■ 73.3568, 79.8283,
95.5479

■ 6.0846, 6.9129,
9.2842

■ 96.0439, 104.2159,
123.7524

■ 2.9378, 3.4077,
4.8277

122.9840,
133.1243, 157.0235

■ 1.1209, 1.3481,
2.0896

154.5423,
166.9379, 195.7799

■ 0.0425, 0.1780,
0.6095

191.0841,

■ 0.0000, 0.0000,

206.0410, 240.4400

0.0000

232.9750,
250.8181, 291.4225

■ 27.1591, 29.9462,
37.1496

■ 27.1591, 29.9462,
37.1496

■ 24.1545, 27.3854,
36.8142

■ 30.5706, 32.7555,
37.5125

■ 21.5368, 25.0601,
36.5033

■ 34.4025, 35.8183,
37.9017

■ 19.2883, 22.9616,
36.2168

■ 38.6709, 39.1442,
38.3187

■ 17.3889, 21.0791,
35.9535

■ 43.3905, 42.7410,
38.7642

■ 15.8162, 19.4006,
35.7124

■ 48.5750, 46.6161,
39.2390

■ 14.5454, 17.9130,
35.4923

■ 54.2376, 50.7768,
39.7436

■ 13.5477, 16.6009,
35.2916

■ 60.3910, 55.2299,
40.2788

■ 12.7817, 15.4427,
35.1084

■ 65.1075, 58.9820,
40.7544

■ 12.5272, 15.0415,
35.0444

■ 66.0241, 60.8153,
41.0600

Harmonies

Analogous

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



26.5993, 29.9462, 34.5107



27.1591, 29.9462, 37.1496



28.0768, 29.9462, 38.6014

Triad

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



27.1591, 29.9462, 37.1496



30.4858, 29.9462, 33.7299



27.8155, 29.9462, 27.4470

Complementary

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



27.1591, 29.9462, 37.1496



27.9100, 27.8205, 26.0898

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.



28.8526, 29.9462, 27.2665



27.1591, 29.9462, 37.1496



30.4117, 29.9462, 30.7733

Square

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



27.1591, 29.9462, 37.1496



30.0080, 29.9462, 36.5480



29.8079, 29.9462, 28.4494



26.9719, 29.9462, 28.9588

Rectangle

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



27.1591, 29.9462, 37.1496



28.7757, 29.9462, 38.6446



29.8079, 29.9462, 28.4494



28.1525, 29.9462, 27.2323

Sweetspot

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



27.1600, 29.9474, 37.1503



55.5687, 59.3253, 67.2656



26.8002, 31.6748, 29.4871



12.4302, 13.2958, 15.1549



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.



27.1600, 29.9474, 37.1503



46.3865, 51.7319, 66.2839



25.1737, 25.9749, 36.4882



6.6707, 7.2072, 8.4462



9.9300, 11.9515, 27.6907



0.2101, 0.2789, 0.5060

Inverse Universe

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



28.3538, 26.4136, 33.3111



49.0042, 44.1573, 57.8263



29.9125, 31.8255, 26.7573



6.8279, 6.7241, 7.9448



13.8104, 6.8287, 13.7844



0.2634, 0.1287, 0.3331

Previews

White Background



This preview shows how the XYZ color 27.1591, 29.9462, 37.1496 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 27.1591, 29.9462, 37.1496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

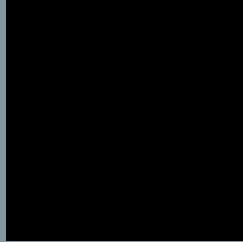
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

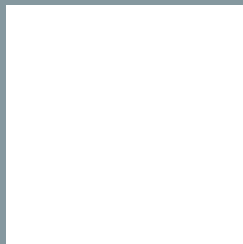
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1591, 29.9462, 37.1496

Background



This preview shows how black text looks on a background with the XYZ color 27.1591, 29.9462, 37.1496.



This preview shows how white text looks on a background with the XYZ color 27.1591, 29.9462,

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

27.1591, 29.9462, 37.1496

Protanopia

28.9851, 29.9697, 35.7095

Deuteranopia

30.3109, 29.6878, 37.8510



Tritanopia

27.5090, 29.8459, 38.9613

Trichromacy



Original Color

27.1591, 29.9462, 37.1496

Protanomaly

28.1609, 29.7689, 36.1600

Deuteranomaly

28.9916, 29.7014, 37.4626

Tritanomaly

27.4197, 29.8102, 38.4912

Monochromacy



Original Color

27.1591, 29.9462, 37.1496

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4887, 29.4800, 33.5196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1591, 29.9462, 37.1496 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, 152, 159)` looks like.

```
.text, #text, p{  
    color:rgb(133, 152, 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(133, 152, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 152, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.1591, 29.9462, 37.1496 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, 152, 159) }
```


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

```
.border{ border-color:rgb(133, 152, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 152, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 152, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 152, 159);  
box-shadow:4px 4px 4px 4px rgb(133, 152,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1591, 29.9462, 37.1496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 152, 159) }
```

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

```
.background{ background-color: rgb(133,  
152, 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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