

Converting Colors

XYZ(27.1735, 27.6349, 37.1596)

Have a look what the booklet for
XYZ(27.1735, 27.6349, 37.1596)
contains.

XYZ(27.1735, 27.6349, 37.1596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.1735, 27.6349,
37.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8EA0
RGB	142, 142, 160
RGB Percent	56%, 56%, 63%
CMY	0.4431, 0.4431, 0.3725
CMYK	0.11, 0.11, 0.00, 0.37
HSL	240°, 9%, 59%
HSV	240°, 11%, 63%
XYZ	27.1735, 27.6349, 37.1596
YIQ	144.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

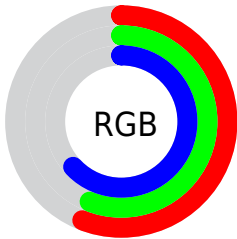
Format	Color
R_{YB}	142, 142, 160
Decimal	9342624
CIE _{Lab}	59.56, 3.71, -9.49
CIE _{LCh}	60, 10.192, 291.332
Yxy	27.6349, 0.2955, 0.3005
Android (android.graphics.Color)	4287532704 (0xFF8E8EA0)
YUV	144.0520, 7.8624, -1.7996
Hunter-Lab	52.5689, 0.2732, -5.1123

Details

The XYZ color **27.1735, 27.6349, 37.1596** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.9506, 34.5679, 30.5800**, and the grayscale version is **26.5019, 27.8821, 30.3636**.

A 20% lighter version of the original color is **54.7706, 56.1219, 72.2359**, and **11.0011, 11.0337, 16.0179** is the 20% darker color. If you saturate the color by 10%, you get **22.4112, 21.8969, 36.3035**, and if you desaturate by 10%, it is **32.6732, 34.2616, 38.1492**.

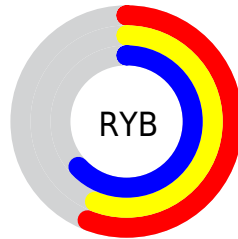
Distribution



Red (56%)

Green (56%)

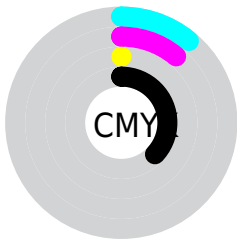
Blue (63%)



Red (56%)

Yellow (56%)

Blue (63%)

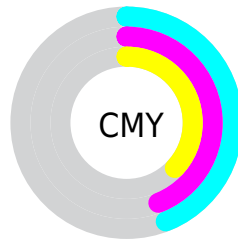


Cyan (11%)

Magenta (11%)

Yellow (0%)

Black (37%)



Cyan (44%)

Magenta (44%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1735, 27.6349, 37.1596 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 27.1735, 27.6349, 37.1596 by changing the saturation by 10% instead.

■ 27.1735, 27.6349,
37.1596

■ 27.1735, 27.6349,
37.1596

280.6484,
290.7182, 349.1905

■ 17.8408, 18.0506,
25.0343

■ 54.5801, 55.9010,
72.0073

■ 10.9348, 10.9863,
15.8834

■ 73.3847, 75.3516,
95.5667

■ 6.0900, 6.0577,
9.2882

■ 96.0773, 98.8598,
123.7747

■ 2.9410, 2.8802,
4.8303

123.0234,
126.8100, 157.0496

■ 1.1227, 1.0695,
2.0910

154.5881,
159.5865, 195.8101

■ 0.0439, 0.0000,
0.6104

191.1370,

■ 0.0000, 0.0000,

197.5738, 240.4748

0.0000

233.0353,
241.1562, 291.4620

■ 27.1735, 27.6349,
37.1596

■ 27.1735, 27.6349,
37.1596

■ 22.4112, 21.8969,
36.3035

■ 32.6732, 34.2616,
38.1492

■ 18.3525, 17.0066,
35.5735

■ 38.9371, 41.8089,
39.2759

■ 14.9650, 12.9249,
34.9642

■ 45.9938, 50.3114,
40.5451

■ 12.2124, 9.6082,
34.4691

■ 53.8696, 59.8007,
41.9616

■ 10.0553, 7.0090,
34.0811

■ 62.5896, 70.3072,
43.5300

■ 8.4496, 5.0741,
33.7922

■ 72.1779, 81.8599,
45.2545

■ 7.3454, 3.7436,
33.5936

■ 82.6576, 94.4865,
47.1394

■ 6.6837, 2.9461,
33.4745

■ 83.3453, 95.3181,
47.2636

■ 6.3455, 2.5385,
33.4137

Harmonies

Analogous

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



25.8962, 27.6349, 37.6257



27.1735, 27.6349, 37.1596



28.2391, 27.6349, 34.7217

Triad

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



27.1735, 27.6349, 37.1596



27.8373, 27.6349, 24.9053



23.9029, 27.6349, 29.0378

Complementary

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



27.1735, 27.6349, 37.1596



31.9506, 34.5679, 30.5800

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.



24.3873, 27.6349, 25.8891



27.1735, 27.6349, 37.1596



26.6395, 27.6349, 23.6338

Square

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



27.1735, 27.6349, 37.1596



28.6309, 27.6349, 27.5929



25.3792, 27.6349, 23.9787



24.0353, 27.6349, 32.7328

Rectangle

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



27.1735, 27.6349, 37.1596



28.6724, 27.6349, 32.4074



25.3792, 27.6349, 23.9787



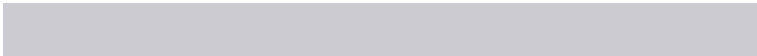
23.9984, 27.6349, 27.8852

Sweetspot

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



27.1743, 27.6361, 37.1602



57.4178, 59.9112, 68.9243



30.0456, 33.4205, 37.9880



12.4157, 12.9263, 15.0843



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.



27.1743, 27.6361, 37.1602



47.5045, 47.9667, 67.1413



28.7255, 28.4352, 37.2327



6.2848, 6.4354, 8.3176



4.9430, 1.9775, 26.0284



0.0884, 0.0354, 0.4654

Inverse Universe

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



29.0533, 28.7732, 29.6151



51.4690, 50.3659, 51.2218



30.2720, 33.7031, 30.5015



6.6331, 6.6462, 6.9191



11.2932, 5.8218, 0.5290



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 27.1735, 27.6349, 37.1596 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 27.1735, 27.6349, 37.1596 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

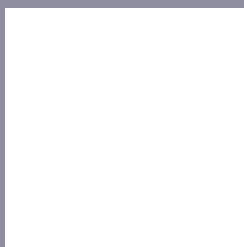
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1735, 27.6349, 37.1596

Background



This preview shows how black text looks on a background with the XYZ color 27.1735, 27.6349, 37.1596.



This preview shows how white text looks on a background with the XYZ color 27.1735, 27.6349,

37.1596.

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

27.1735, 27.6349, 37.1596

Protanopia

27.0027, 27.5468, 37.1516

Deuteranopia

28.1177, 27.6838, 37.1193



Tritanopia

26.6397, 27.6407, 34.5030

Trichromacy



Original Color

27.1735, 27.6349, 37.1596

Protanomaly

27.0027, 27.5468, 37.1516

Deuteranomaly

27.7241, 27.6988, 37.1429

Tritanomaly

26.8077, 27.7079, 35.3877

Monochromacy



Original Color

27.1735, 27.6349, 37.1596

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6552, 27.6866, 32.7933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1735, 27.6349, 37.1596 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, 142, 160)` looks like.

```
.text, #text, p{  
    color:rgb(142, 142, 160)  
}
```

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, 142, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 142, 160) }
```

Border

The CSS property to change the border of an element to XYZ 27.1735, 27.6349, 37.1596 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, 142, 160) }
```


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

```
.border{ border-color:rgb(142, 142, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 142, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 142, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 142, 160);  
box-shadow:4px 4px 4px 4px rgb(142, 142,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1735, 27.6349, 37.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 142, 160) }
```

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

```
.background{ background-color: rgb(142,  
142, 160) }
```

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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