

Converting Colors

XYZ(25.8561, 27.2954, 37.0918)

Have a look what the booklet for
XYZ(25.8561, 27.2954, 37.0918)
contains.

XYZ(25.9913, 27.4711, 37.1903)	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(25.9913, 27.4711,
37.1903)**

Conversions

Conversions Part 1

Format	Color
Hex	8590A0
RGB	133, 144, 160
RGB Percent	52%, 56%, 63%
CMY	0.4784, 0.4353, 0.3725
CMYK	0.17, 0.10, 0.00, 0.37
HSL	216°, 12%, 57%
HSV	216°, 17%, 63%
XYZ	25.9913, 27.4711, 37.1903
YIQ	142.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

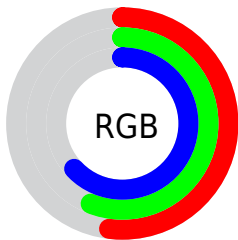
Format	Color
RYB	133, 141, 160
Decimal	8753312
CIELab	59.41, -0.50, -9.79
CIElCh	59, 9.803, 267.105
Yxy	27.4711, 0.2867, 0.3030
Android (android.graphics.Color)	4286943392 (0xFF8590A0)
YUV	142.5350, 8.6102, -8.3622
Hunter-Lab	52.4129, -3.2052, -5.3810

Details

The XYZ color **25.9913, 27.4711, 37.1903** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4786, 30.6620, 26.5556**, and the grayscale version is **25.8941, 27.2426, 29.6672**.

A 20% lighter version of the original color is **52.7095, 55.7336, 72.2695**, and **10.3303, 10.9485, 16.0368** is the 20% darker color. If you saturate the color by 10%, you get **22.2791, 23.5151, 36.6228**, and if you desaturate by 10%, it is **30.2106, 31.8690, 37.8172**.

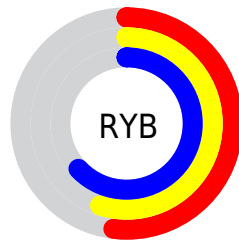
Distribution



Red (52%)

Green (56%)

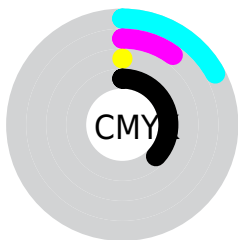
Blue (63%)



Red (52%)

Yellow (55%)

Blue (63%)

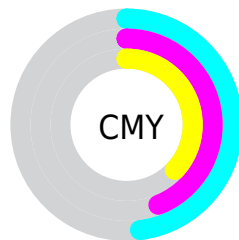


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (37%)



Cyan (48%)

Magenta (44%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9913, 27.4711, 37.1903 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 25.9913, 27.4711, 37.1903 by changing the saturation by 10% instead.

■ 25.9913, 27.4711,
37.1903

■ 25.9913, 27.4711,
37.1903

274.9968,
289.9309, 349.3272

■ 16.9498, 17.9273,
25.0579

■ 52.6923, 55.6389,
72.0550

■ 10.2938, 10.8978,
15.9008

■ 71.0825, 75.0318,
95.6243

■ 5.6579, 5.9982,
9.3004

■ 93.3197, 98.4764,
123.8431

■ 2.6769, 2.8440,
4.8382

119.7691,
126.3573, 157.1299

■ 0.9853, 1.0508,
2.0955

150.7962,
159.0588, 195.9031

■ 0.0000, 0.0000,
0.6131

186.7662,

■ 0.0000, 0.0000,

196.9653, 240.5814

0.0000

228.0447,
240.4612, 291.5832

■ 25.9913, 27.4711,
37.1903

■ 25.9913, 27.4711,
37.1903

■ 22.2791, 23.5151,
36.6228

■ 30.2106, 31.8690,
37.8172

■ 19.0512, 19.9827,
36.1111

■ 34.9536, 36.7194,
38.5035

■ 16.2866, 16.8593,
35.6540

■ 40.2391, 42.0368,
39.2513

■ 13.9619, 14.1280,
35.2493

■ 46.0845, 47.8341,
40.0622

■ 12.0513, 11.7707,
34.8950

■ 52.5060, 54.1236,
40.9377

■ 10.5261, 9.7672,
34.5886

■ 59.5194, 60.9170,
41.8793

■ 9.3533, 8.0951,
34.3277

■ 67.1397, 68.2258,
42.8884

■ 8.4846, 6.7238,
34.1088

■ 73.1386, 74.9047,
43.8614

■ 8.2468, 6.3411,
34.0475

■ 75.6956, 80.0188,
44.7138

Harmonies

Analogous

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



24.8483, 27.4711, 35.9597



25.9913, 27.4711, 37.1903



27.2017, 27.4711, 36.3476

Triad

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



25.9913, 27.4711, 37.1903



28.2704, 27.4711, 26.9334



24.1766, 27.4711, 26.3851

Complementary

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



25.9913, 27.4711, 37.1903



29.4786, 30.6620, 26.5556

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.



25.0488, 27.4711, 24.2837



25.9913, 27.4711, 37.1903



27.4147, 27.4711, 24.5823

Square

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



25.9913, 27.4711, 37.1903



28.5417, 27.4711, 30.2544



26.2300, 27.4711, 23.6501



23.8214, 27.4711, 29.5709

Rectangle

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



25.9913, 27.4711, 37.1903



27.8797, 27.4711, 34.7571



26.2300, 27.4711, 23.6501



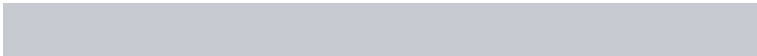
24.4177, 27.4711, 25.5383

Sweetspot

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



25.9921, 27.4722, 37.1909



56.3136, 59.3690, 68.8779



27.6491, 32.2907, 33.1053



12.2312, 12.8978, 15.0885



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.



25.9921, 27.4722, 37.1909



44.7237, 47.2686, 67.1531



24.7653, 24.4855, 36.6791



6.4956, 6.8569, 8.3878



6.4652, 5.0220, 26.5358



0.1560, 0.1707, 0.4879

Inverse Universe

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



27.9195, 26.2629, 29.9845



48.8782, 44.7842, 51.5916



30.8564, 34.0794, 27.1426



6.7395, 6.6887, 7.4792



12.0616, 6.1292, 4.5752



0.2361, 0.1178, 0.1893

Previews

White Background



This preview shows how the XYZ color 25.9913, 27.4711, 37.1903 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 25.9913, 27.4711, 37.1903 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

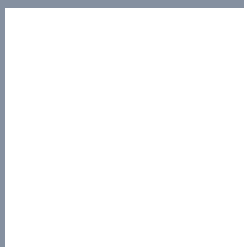
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9913, 27.4711, 37.1903

Background



This preview shows how black text looks on a background with the XYZ color 25.9913, 27.4711, 37.1903.



This preview shows how white text looks on a background with the XYZ color 25.9913, 27.4711,

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

25.9913, 27.4711, 37.1903

Protanopia

26.9155, 27.5119, 36.6926

Deuteranopia

27.8784, 27.3343, 37.5249



Tritanopia

25.6419, 27.5566, 35.4200

Trichromacy



Original Color

25.9913, 27.4711, 37.1903

Protanomaly

26.5617, 27.5514, 36.7189

Deuteranomaly

27.2856, 27.4626, 37.5809

Tritanomaly

25.7269, 27.5907, 35.8679

Monochromacy



Original Color

25.9913, 27.4711, 37.1903

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.8947, 27.3038, 32.3391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9913, 27.4711, 37.1903 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, 144, 160)` looks like.

```
.text, #text, p{  
    color:rgb(133, 144, 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(133, 144, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 144, 160) }
```

Border

The CSS property to change the border of an element to XYZ 25.9913, 27.4711, 37.1903 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, 144, 160) }
```


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

```
.border{ border-color:rgb(133, 144, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 144, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 144, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 144, 160);  
box-shadow:4px 4px 4px 4px rgb(133, 144,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9913, 27.4711, 37.1903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 144, 160) }
```

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

```
.background{ background-color: rgb(133,  
144, 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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