

Converting Colors

XYZ(27.5789, 29.6908, 27.3282)

Have a look what the booklet for
XYZ(27.5789, 29.6908, 27.3282)
contains.

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Color

**XYZ(27.5150, 29.6337,
27.1914)**

Conversions

Conversions Part 1

Format	Color
Hex	959587
RGB	149, 149, 135
RGB Percent	58%, 58%, 53%
CMY	0.4157, 0.4157, 0.4706
CMYK	0.00, 0.00, 0.09, 0.42
HSL	60°, 6%, 56%
HSV	60°, 9%, 58%
XYZ	27.5150, 29.6337, 27.1914
YIQ	147.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

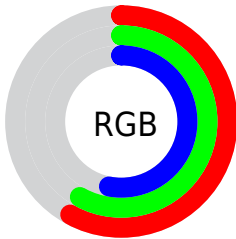
Format	Color
R_{YB}	135, 149, 135
Decimal	9803143
CIE Lab	61.34, -2.59, 7.39
CIE LCh	61, 7.833, 109.294
Yxy	29.6337, 0.3262, 0.3514
Android (android.graphics.Color)	4287993223 (0xFF959587)
YUV	147.4040, -6.1152, 1.3997
Hunter-Lab	54.4368, -5.0420, 8.4902

Details

The XYZ color **27.5150, 29.6337, 27.1914** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0817, 24.6496, 31.9240**, and the grayscale version is **27.9244, 29.3786, 31.9933**.

A 20% lighter version of the original color is **55.0616, 59.0392, 56.0706**, and **11.0444, 11.9879, 10.3261** is the 20% darker color. If you saturate the color by 10%, you get **26.5382, 29.2439, 22.0473**, and if you desaturate by 10%, it is **28.6403, 30.0849, 33.1101**.

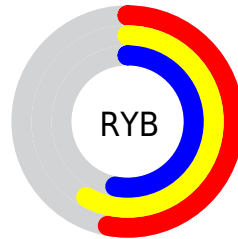
Distribution



Red (58%)

Green (58%)

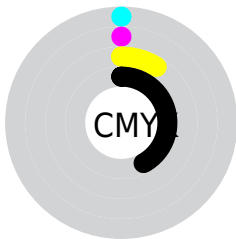
Blue (53%)



Red (53%)

Yellow (58%)

Blue (53%)

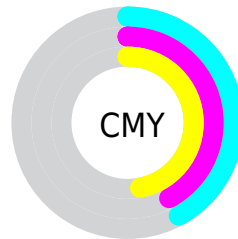


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5150, 29.6337, 27.1914 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 27.5150, 29.6337, 27.1914 by changing the saturation by 10% instead.

■ 27.5150, 29.6337,
27.1914

■ 27.5150, 29.6337,
27.1914

282.2644,
300.1933, 302.3721

■ 18.0990, 19.5607,
17.4833

■ 55.1233, 59.0824,
56.1983

■ 11.1212, 12.0761,
10.4141

■ 74.0462, 79.2269,
76.3342

■ 6.2163, 6.7956,
5.5652

■ 96.8688, 103.4974,
100.7832

■ 3.0189, 3.3346,
2.5181

123.9564,
132.2783, 129.9637

■ 1.1638, 1.3088,
0.8497

155.6744,
165.9539, 164.2943

■ 0.0775, 0.1480,
0.0000

192.3882,

■ 0.0000, 0.0000,

204.9087, 204.1935

0.0000

234.4631,
249.5270, 250.0799

■ 27.5150, 29.6337,
27.1914

■ 27.5150, 29.6337,
27.1914

■ 26.5382, 29.2439,
22.0473

■ 28.6403, 30.0849,
33.1101

■ 25.7014, 28.9091,
17.6441

■ 29.9174, 30.5958,
39.8317

■ 24.9988, 28.6280,
13.9482

■ 31.3524, 31.1699,
47.3852

■ 24.4236, 28.3978,
10.9226

■ 32.9506, 31.8092,
55.7977

■ 23.9681, 28.2155,
8.5274

■ 34.7169, 32.5158,
65.0952

■ 23.6239, 28.0778,
6.7180

■ 36.6559, 33.2915,
75.3022

■ 23.3813, 27.9807,
5.4441

■ 38.7721, 34.1380,
86.4428

■ 23.2293, 27.9198,
4.6471

■ 41.0700, 35.0573,
98.5397

■ 23.1415, 27.8846,
4.1884

■ 41.1985, 35.1087,
99.2130

Harmonies

Analogous

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



28.5364, 29.6337, 26.9952



27.5150, 29.6337, 27.1914



26.6875, 29.6337, 28.6980

Triad

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



27.5150, 29.6337, 27.1914



26.8909, 29.6337, 36.7713



30.1622, 29.6337, 33.3339

Complementary

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



27.5150, 29.6337, 27.1914



24.0817, 24.6496, 31.9240

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.



29.6980, 29.6337, 36.1182



27.5150, 29.6337, 27.1914



27.7987, 29.6337, 38.1819

Square

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



27.5150, 29.6337, 27.1914



26.3333, 29.6337, 34.1816



28.8271, 29.6337, 37.9358



30.0817, 29.6337, 30.4235

Rectangle

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



27.5150, 29.6337, 27.1914



26.3493, 29.6337, 30.2971



28.8271, 29.6337, 37.9358



30.0642, 29.6337, 34.3185

Sweetspot

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



27.5158, 29.6350, 27.1920



50.5194, 53.5675, 55.2460



25.4325, 25.4675, 26.4974



11.1613, 11.8575, 12.0620



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.5158, 29.6350, 27.1920



48.9356, 52.9339, 46.9110



26.2771, 28.9964, 27.1341



6.2653, 6.7446, 6.2121



19.4717, 23.4659, 3.5031



0.2384, 0.2872, 0.0429

Inverse Universe

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



24.0817, 24.6496, 31.9240



41.6800, 42.4008, 56.9087



25.2450, 25.2494, 31.9784



5.4996, 5.6330, 7.2672



4.5662, 1.8265, 24.0429



0.0559, 0.0224, 0.2943

Previews

White Background



This preview shows how the XYZ color 27.5150, 29.6337, 27.1914 looks on a white background.

Color Contrast Check

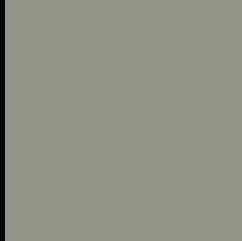
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5150, 29.6337, 27.1914 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

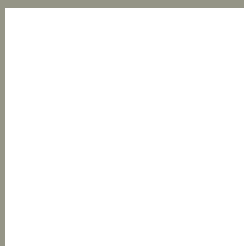
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5150, 29.6337, 27.1914

Background



This preview shows how black text looks on a background with the XYZ color 27.5150, 29.6337, 27.1914.



This preview shows how white text looks on a background with the XYZ color 27.5150, 29.6337,

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

27.5150, 29.6337, 27.1914

Protanopia

28.2194, 29.7711, 26.8133

Deuteranopia

30.2027, 29.6380, 27.4214



Tritanopia

29.3136, 29.6675, 36.0797

Trichromacy



Original Color

27.5150, 29.6337, 27.1914

Protanomaly

27.8419, 29.5764, 26.7957

Deuteranomaly

29.0665, 29.5020, 27.4550

Tritanomaly

28.6210, 29.6167, 32.6419

Monochromacy



Original Color

27.5150, 29.6337, 27.1914

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7606, 29.4589, 30.2096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5150, 29.6337, 27.1914 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(149, 149, 135)` looks like.

```
.text, #text, p{  
    color:rgb(149, 149, 135)  
}
```

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(149, 149, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 149, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.5150, 29.6337, 27.1914 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(149, 149, 135) }
```


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

```
.border{ border-color:rgb(149, 149, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 149, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 149, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 149, 135);  
box-shadow:4px 4px 4px 4px rgb(149, 149,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5150, 29.6337, 27.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 149, 135) }
```

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

```
.background{ background-color: rgb(149,  
149, 135) }
```

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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