

Converting Colors

XYZ(27.1614, 29.7611, 26.2505)

Have a look what the booklet for
XYZ(27.1614, 29.7611, 26.2505)
contains.

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Color

**XYZ(27.1038, 29.6817,
26.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	939684
RGB	147, 150, 132
RGB Percent	58%, 59%, 52%
CMY	0.4235, 0.4117, 0.4823
CMYK	0.02, 0.00, 0.12, 0.41
HSL	70°, 8%, 55%
HSV	70°, 12%, 59%
XYZ	27.1038, 29.6817, 26.1304
YIQ	147.0510, 3.9900, -6.2340

Conversions

Conversions Part 2

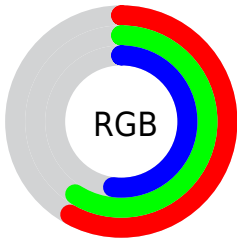
Format	Color
R_{YB}	132, 150, 135
Decimal	9672324
CIE _{Lab}	61.38, -4.42, 9.12
CIE _{LCh}	61, 10.140, 115.866
Yxy	29.6817, 0.3269, 0.3580
Android (android.graphics.Color)	4287862404 (0xFF939684)
YUV	147.0510, -7.4201, -0.0447
Hunter-Lab	54.4809, -6.5393, 9.6997

Details

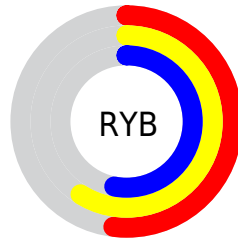
The XYZ color **27.1038, 29.6817, 26.1304** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7492, 23.8563, 32.2088**, and the grayscale version is **27.7835, 29.2304, 31.8319**.

A 20% lighter version of the original color is **54.4372, 59.1060, 54.4384**, and **10.8470, 12.0350, 9.9349** is the 20% darker color. If you saturate the color by 10%, you get **25.7067, 29.0725, 21.0865**, and if you desaturate by 10%, it is **28.6600, 30.3575, 31.9535**.

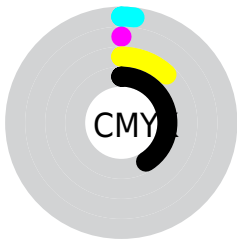
Distribution



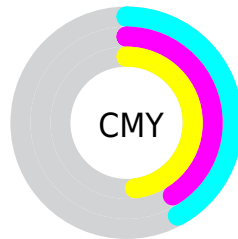
- Red (58%)
- Green (59%)
- Blue (52%)



- Red (52%)
- Yellow (59%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1038, 29.6817, 26.1304 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 27.1038, 29.6817, 26.1304 by changing the saturation by 10% instead.

■ 27.1038, 29.6817,
26.1304

■ 27.1038, 29.6817,
26.1304

280.3177,
300.4180, 297.0474

■ 17.7882, 19.5971,
16.6946

■ 54.4691, 59.1584,
54.4719

■ 10.8968, 12.1025,
9.8573

■ 73.2495, 79.3194,
74.2147

■ 6.0643, 6.8135,
5.2001

■ 95.9155, 103.6079,
98.2302

■ 2.9252, 3.3458,
2.3044

122.8326,
132.4084, 126.9369

■ 1.1143, 1.3148,
0.7337

154.3659,
166.1053, 160.7535

■ 0.0371, 0.1526,
0.0000

190.8810,

■ 0.0000, 0.0000,

205.0829, 200.0984

0.0000

232.7432,
249.7256, 245.3902

■ 27.1038, 29.6817,
26.1304

■ 27.1038, 29.6817,
26.1304

■ 25.7067, 29.0725,
21.0865

■ 28.6600, 30.3575,
31.9535

■ 24.4598, 28.5236,
16.7869

■ 30.3787, 31.0986,
38.5848

■ 23.3572, 28.0335,
13.1968

■ 32.2664, 31.9084,
46.0545

■ 22.3916, 27.5993,
10.2779

■ 34.3284, 32.7890,
54.3904

■ 21.5549, 27.2178,
7.9883

■ 36.5699, 33.7426,
63.6190

■ 20.8382, 26.8854,
6.2815

■ 38.9958, 34.7711,
73.7659

■ 20.2315, 26.5981,
5.1044

■ 41.6107, 35.8764,
84.8555

■ 19.7227, 26.3509,
4.3945

■ 44.4191, 37.0603,
96.9112

■ 19.3612, 26.1723,
4.0313

■ 45.4317, 37.5270,
99.4567

Harmonies

Analogous

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



28.3975, 29.6817, 25.5113



27.1038, 29.6817, 26.1304



26.1348, 29.6817, 28.3570

Triad

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



27.1038, 29.6817, 26.1304



26.7922, 29.6817, 38.8100



30.8567, 29.6817, 32.8525

Complementary

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



27.1038, 29.6817, 26.1304



23.7492, 23.8563, 32.2088

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.



30.3955, 29.6817, 36.6324



27.1038, 29.6817, 26.1304



28.0265, 29.6817, 40.2398

Square

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



27.1038, 29.6817, 26.1304



25.9589, 29.6817, 35.6411



29.3491, 29.6817, 39.4133



30.5909, 29.6817, 29.2087

Rectangle

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



27.1038, 29.6817, 26.1304



25.7891, 29.6817, 30.5520



29.3491, 29.6817, 39.4133



30.7811, 29.6817, 34.1515

Sweetspot

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



27.1046, 29.6830, 26.1310



49.9821, 53.3145, 54.1375



25.4075, 25.4788, 25.4090



11.0332, 11.7964, 11.8332



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.



27.1046, 29.6830, 26.1310



47.2459, 52.1262, 43.9697



25.5535, 28.8834, 26.0584



6.1715, 6.6962, 6.2077



16.0799, 21.7173, 3.3444



0.2171, 0.2763, 0.0419

Inverse Universe

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



23.7492, 23.8563, 32.2088



40.3101, 40.0818, 56.5332



25.2589, 24.6345, 32.2795



5.5843, 5.6767, 7.2711



4.9185, 2.0081, 24.0594



0.0772, 0.0333, 0.2953

Previews

White Background



This preview shows how the XYZ color 27.1038, 29.6817, 26.1304 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 27.1038, 29.6817, 26.1304 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 27.1038, 29.6817, 26.1304

Background



This preview shows how black text looks on a background with the XYZ color 27.1038, 29.6817, 26.1304.



This preview shows how white text looks on a background with the XYZ color 27.1038, 29.6817,

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

27.1038, 29.6817, 26.1304

Protanopia

28.2042, 29.7871, 25.7357

Deuteranopia

30.2045, 29.6632, 26.3239



Tritanopia

29.2129, 29.6057, 36.5225

Trichromacy



Original Color

27.1038, 29.6817, 26.1304

Protanomaly

27.7931, 29.8090, 25.7616

Deuteranomaly

29.0097, 29.7248, 26.3988

Tritanomaly

28.4362, 29.5214, 32.6332

Monochromacy



Original Color

27.1038, 29.6817, 26.1304

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5050, 29.3358, 29.8039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1038, 29.6817, 26.1304 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(147, 150, 132) looks like.

```
.text, #text, p{  
    color:rgb(147, 150, 132)  
}
```

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(147, 150, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 150, 132) }
```

Border

The CSS property to change the border of an element to XYZ 27.1038, 29.6817, 26.1304 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(147, 150, 132) }
```


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

```
.border{ border-color:rgb(147, 150, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 150, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 150, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 150, 132);  
box-shadow:4px 4px 4px 4px rgb(147, 150,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1038, 29.6817, 26.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 150, 132) }
```

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

```
.background{ background-color: rgb(147,  
150, 132) }
```

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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