

Converting Colors

XYZ(27.0796, 27.0277, 36.0020)

Have a look what the booklet for
XYZ(27.0796, 27.0277, 36.0020)
contains.

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Color

**XYZ(27.0812, 26.9536,
36.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	918B9E
RGB	145, 139, 158
RGB Percent	57%, 55%, 62%
CMY	0.4314, 0.4549, 0.3804
CMYK	0.08, 0.12, 0.00, 0.38
HSL	259°, 9%, 58%
HSV	259°, 12%, 62%
XYZ	27.0812, 26.9536, 36.1230
YIQ	142.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

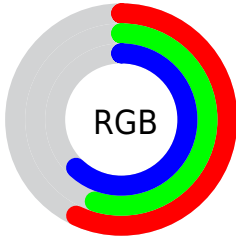
Format	Color
R _Y B	145, 139, 158
Decimal	9538462
CIE Lab	58.93, 6.03, -9.26
CIE LCh	59, 11.053, 303.080
Yxy	26.9536, 0.3004, 0.2990
Android (android.graphics.Color)	4287728542 (0xFF918B9E)
YUV	142.9600, 7.4147, 1.7891
Hunter-Lab	51.9169, 2.2558, -4.9113

Details

The XYZ color **27.0812, 26.9536, 36.1230** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.8370, 32.9940, 29.2233**, and the grayscale version is **26.0652, 27.4226, 29.8632**.

A 20% lighter version of the original color is **54.4131, 54.6455, 70.6305**, and **10.9455, 10.6392, 15.3866** is the 20% darker color. If you saturate the color by 10%, you get **23.1415, 21.7690, 35.3303**, and if you desaturate by 10%, it is **31.5345, 32.8953, 37.0356**.

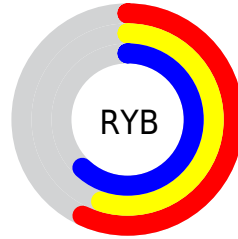
Distribution



Red (57%)

Green (55%)

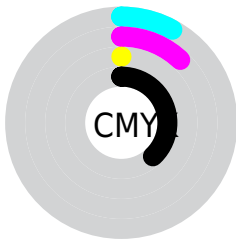
Blue (62%)



Red (57%)

Yellow (55%)

Blue (62%)

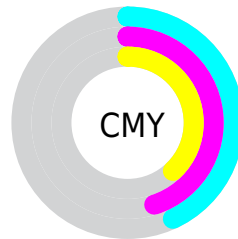


Cyan (8%)

Magenta (12%)

Yellow (0%)

Black (38%)



Cyan (43%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0812, 26.9536, 36.1230 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 27.0812, 26.9536, 36.1230 by changing the saturation by 10% instead.

■ 27.0812, 26.9536,
36.1230

■ 27.0812, 26.9536,
36.1230

280.2104,
287.4324, 344.5515

■ 17.7711, 17.5384,
24.2388

■ 54.4331, 54.8094,
70.3931

■ 10.8845, 10.6191,
15.2970

■ 73.2056, 74.0188,
93.6159

■ 6.0559, 5.8113,
8.8792

■ 95.8630, 97.2616,
121.4555

■ 2.9201, 2.7307,
4.5667

122.7707,
124.9224, 154.3302

■ 1.1117, 0.9928,
1.9411

154.2939,
157.3855, 192.6586

■ 0.0348, 0.0000,
0.5187

190.7980,

■ 0.0000, 0.0000,

195.0352, 236.8592

0.0000

232.6484,
238.2561, 287.3507

■ 27.0812, 26.9536,
36.1230

■ 27.0812, 26.9536,
36.1230

■ 23.1415, 21.7690,
35.3303

■ 31.5345, 32.8953,
37.0356

■ 19.6939, 17.3072,
34.6508

■ 36.5170, 39.6197,
38.0709

■ 16.7188, 13.5363,
34.0798

■ 42.0469, 47.1553,
39.2340

■ 14.1941, 10.4208,
33.6115

■ 48.1404, 55.5284,
40.5290

■ 12.0963, 7.9219,
33.2397

■ 54.8134, 64.7639,
41.9599

10.3991, 5.9963,
32.9575

62.0808, 74.8857,
43.5306

9.0733, 4.5953,
32.7569

69.9572, 85.9168,
45.2446

8.0850, 3.6612,
32.6287

75.0471, 91.0603,
45.9692

7.4812, 3.1438,
32.5607

78.6555, 92.9205,
46.1381

Harmonies

Analogous

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



25.7602, 26.9536, 37.5308



27.0812, 26.9536, 36.1230



28.0361, 26.9536, 32.8921

Triad

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



27.0812, 26.9536, 36.1230



26.8280, 26.9536, 23.1307



23.0809, 26.9536, 29.7545

Complementary

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



27.0812, 26.9536, 36.1230



29.8370, 32.9940, 29.2233

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.



23.3442, 26.9536, 26.0679



27.0812, 26.9536, 36.1230



25.4775, 26.9536, 22.4503

Square

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



27.0812, 26.9536, 36.1230



27.8863, 26.9536, 25.4254



24.2096, 26.9536, 23.4778



23.4773, 26.9536, 33.6544

Rectangle

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



27.0812, 26.9536, 36.1230



28.3194, 26.9536, 30.2648



24.2096, 26.9536, 23.4778



23.0952, 26.9536, 28.4497

Sweetspot

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



27.0820, 26.9547, 36.1236



55.5270, 57.4061, 66.8973



28.0969, 30.5125, 36.7568



12.3830, 12.7607, 15.0541



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.



27.0820, 26.9547, 36.1236



47.4904, 46.7128, 65.2569



28.7696, 27.8247, 36.2026



6.4720, 6.5318, 8.3263



6.0286, 2.5369, 26.0792



0.1488, 0.0665, 0.4682

Inverse Universe

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



29.0016, 28.0026, 33.5837



51.5804, 48.9461, 59.8054



28.1811, 32.1403, 29.1458



6.8150, 6.7189, 7.8767



13.4844, 6.6983, 12.0676



0.2593, 0.1270, 0.3116

Previews

White Background



This preview shows how the XYZ color 27.0812, 26.9536, 36.1230 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 27.0812, 26.9536, 36.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

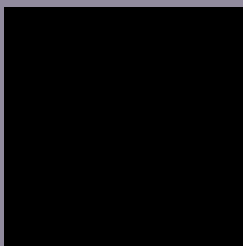
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0812, 26.9536, 36.1230

Background



This preview shows how black text looks on a background with the XYZ color 27.0812, 26.9536, 36.1230.



This preview shows how white text looks on a background with the XYZ color 27.0812, 26.9536,

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

27.0812, 26.9536, 36.1230

Protanopia

26.4303, 27.0419, 36.6275

Deuteranopia

27.4728, 26.9415, 36.1000



Tritanopia

26.4656, 26.9198, 33.0793

Trichromacy



Original Color

27.0812, 26.9536, 36.1230

Protanomaly

26.6206, 26.9221, 36.5943

Deuteranomaly

27.2927, 26.8486, 36.0916

Tritanomaly

26.7124, 27.0186, 34.3791

Monochromacy



Original Color

27.0812, 26.9536, 36.1230

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5199, 27.4134, 31.9105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0812, 26.9536, 36.1230 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(145, 139, 158)` looks like.

```
.text, #text, p{  
    color:rgb(145, 139, 158)  
}
```

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(145, 139, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 139, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.0812, 26.9536, 36.1230 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(145, 139, 158) }
```


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

```
.border{ border-color:rgb(145, 139, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 139, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 139, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 139, 158);  
box-shadow:4px 4px 4px 4px rgb(145, 139,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0812, 26.9536, 36.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 139, 158) }
```

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

```
.background{ background-color: rgb(145,  
139, 158) }
```

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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