

Converting Colors

XYZ(27.0319, 29.5582, 36.0530)

Have a look what the booklet for
XYZ(27.0319, 29.5582, 36.0530)
contains.

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Color

**XYZ(27.1441, 29.7184,
36.2039)**

Conversions

Conversions Part 1

Format	Color
Hex	87979D
RGB	135, 151, 157
RGB Percent	53%, 59%, 62%
CMY	0.4706, 0.4078, 0.3843
CMYK	0.14, 0.04, 0.00, 0.38
HSL	196°, 10%, 57%
HSV	196°, 14%, 62%
XYZ	27.1441, 29.7184, 36.2039
YIQ	146.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

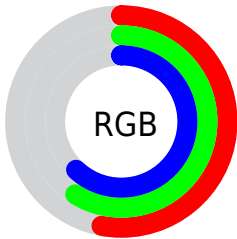
Format	Color
R_{YB}	135, 144, 157
Decimal	8886173
CIE _{Lab}	61.41, -4.40, -5.09
CIE _{LCh}	61, 6.728, 229.173
Yxy	29.7184, 0.2917, 0.3193
Android (android.graphics.Color)	4287076253 (0xFF87979D)
YUV	146.9000, 4.9793, -10.4363
Hunter-Lab	54.5146, -6.5212, -1.2151

Details

The XYZ color **27.1441, 29.7184, 36.2039** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8030, 27.9672, 26.8551**, and the grayscale version is **27.6760, 29.1173, 31.7087**.

A 20% lighter version of the original color is **54.4540, 59.1075, 70.8262**, and **10.9050, 12.0862, 15.3938** is the 20% darker color. If you saturate the color by 10%, you get **24.1258, 27.1590, 35.8694**, and if you desaturate by 10%, it is **30.5617, 32.5224, 36.5655**.

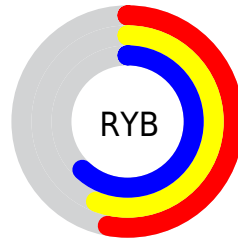
Distribution



Red (53%)

Green (59%)

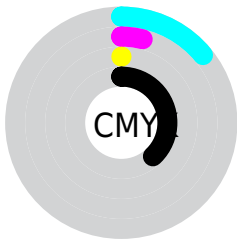
Blue (62%)



Red (53%)

Yellow (56%)

Blue (62%)

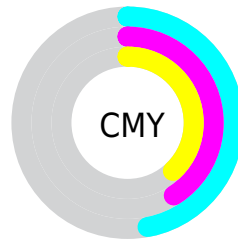


Cyan (14%)

Magenta (4%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1441, 29.7184, 36.2039 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 27.1441, 29.7184, 36.2039 by changing the saturation by 10% instead.

■ 27.1441, 29.7184,
36.2039

■ 27.1441, 29.7184,
36.2039

280.5090,
300.5896, 344.9152

■ 17.8186, 19.6249,
24.3008

■ 54.5333, 59.2166,
70.5192

■ 10.9187, 12.1227,
15.3426

■ 73.3277, 79.3901,
93.7686

■ 6.0791, 6.8273,
8.9109

■ 96.0091, 103.6923,
121.6370

■ 2.9344, 3.3543,
4.5871

122.9429,
132.5078, 154.5431

■ 1.1191, 1.3194,
1.9526

154.4944,
166.2209, 192.9055

■ 0.0410, 0.1561,
0.5259

191.0291,

■ 0.0000, 0.0000,

205.2160, 237.1426

0.0000

232.9121,
249.8774, 287.6730

■ 27.1441, 29.7184,
36.2039

■ 27.1441, 29.7184,
36.2039

■ 24.1258, 27.1590,
35.8694

■ 30.5617, 32.5224,
36.5655

■ 21.4876, 24.8315,
35.5592

■ 34.3916, 35.5756,
36.9529

■ 19.2128, 22.7276,
35.2730

■ 38.6491, 38.8872,
37.3678

■ 17.2821, 20.8372,
35.0099

■ 43.3482, 42.4648,
37.8106

■ 15.6745, 19.1488,
34.7688

■ 48.5023, 46.3154,
38.2822

■ 14.3666, 17.6501,
34.5484

■ 54.1238, 50.4461,
38.7832

■ 13.3315, 16.3267,
34.3475

■ 60.2252, 54.8635,
39.3143

■ 12.5368, 15.1615,
34.1645

■ 64.7266, 58.4958,
39.7782

■ 12.1254, 14.5133,
34.0611

■ 65.6372, 60.3170,
40.0817

Harmonies

Analogous

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



26.6632, 29.7184, 33.9921



27.1441, 29.7184, 36.2039



27.9267, 29.7184, 37.4062

Triad

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



27.1441, 29.7184, 36.2039



29.9580, 29.7184, 33.2862



27.6890, 29.7184, 27.9531

Complementary

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



27.1441, 29.7184, 36.2039



27.8030, 27.9672, 26.8551

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.



28.5686, 29.7184, 27.7862



27.1441, 29.7184, 36.2039



29.8912, 29.7184, 30.7777

Square

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



27.1441, 29.7184, 36.2039



29.5591, 29.7184, 35.6639



29.3782, 29.7184, 28.7951



26.9732, 29.7184, 29.2635

Rectangle

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



27.1441, 29.7184, 36.2039



28.5197, 29.7184, 37.4332



29.3782, 29.7184, 28.7951



27.9749, 29.7184, 27.7641

Sweetspot

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



27.1450, 29.7196, 36.2046



54.6903, 58.2096, 65.4798



26.8470, 31.1845, 29.7522



11.9332, 12.7269, 14.3980



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.1450, 29.7196, 36.2046



46.7433, 51.6566, 64.6338



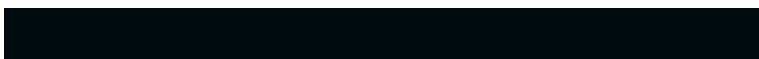
25.4757, 26.3810, 35.6481



6.6688, 7.2034, 8.4456



9.8797, 11.8509, 27.6740



0.2095, 0.2777, 0.5058

Inverse Universe

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



28.1552, 26.7311, 32.9552



48.9483, 45.2521, 57.5150



29.4850, 31.3312, 27.4158



6.8269, 6.7237, 7.9397



13.7850, 6.8186, 13.6508



0.2631, 0.1286, 0.3315

Previews

White Background



This preview shows how the XYZ color 27.1441, 29.7184, 36.2039 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 27.1441, 29.7184, 36.2039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

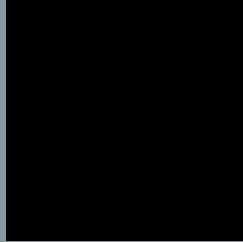
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

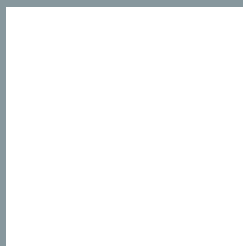
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1441, 29.7184, 36.2039

Background



This preview shows how black text looks on a background with the XYZ color 27.1441, 29.7184, 36.2039.



This preview shows how white text looks on a background with the XYZ color 27.1441, 29.7184,

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

27.1441, 29.7184, 36.2039

Protanopia

28.7445, 29.6236, 35.2133

Deuteranopia

30.2454, 29.6842, 36.4833



Tritanopia

27.5813, 29.6556, 38.4528

Trichromacy



Original Color

27.1441, 29.7184, 36.2039

Protanomaly

28.0923, 29.5094, 35.6678

Deuteranomaly

29.1830, 29.8201, 36.5655

Tritanomaly

27.4049, 29.5850, 37.5238

Monochromacy



Original Color

27.1441, 29.7184, 36.2039

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5035, 29.2538, 33.4751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1441, 29.7184, 36.2039 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(135, 151, 157) looks like.

```
.text, #text, p{  
    color:rgb(135, 151, 157)  
}
```

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(135, 151, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 151, 157) }
```

Border

The CSS property to change the border of an element to XYZ 27.1441, 29.7184, 36.2039 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(135, 151, 157) }
```


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

```
.border{ border-color:rgb(135, 151, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 151, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 151, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 151, 157);  
box-shadow:4px 4px 4px 4px rgb(135, 151,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1441, 29.7184, 36.2039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 151, 157) }
```

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

```
.background{ background-color: rgb(135,  
151, 157) }
```

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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