

Converting Colors

XYZ(27.4749, 30.4849, 36.2319)

Have a look what the booklet for
XYZ(27.4749, 30.4849, 36.2319)
contains.

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Color

**XYZ(27.4687, 30.3677,
36.3121)**

Conversions

Conversions Part 1

Format	Color
Hex	87999D
RGB	135, 153, 157
RGB Percent	53%, 60%, 62%
CMY	0.4706, 0.4000, 0.3843
CMYK	0.14, 0.03, 0.00, 0.38
HSL	191°, 10%, 57%
HSV	191°, 14%, 62%
XYZ	27.4687, 30.3677, 36.3121
YIQ	148.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

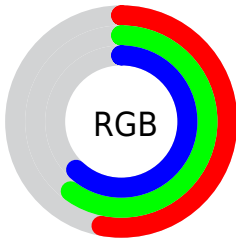
Format	Color
RYB	135, 145, 157
Decimal	8886685
CIELab	61.97, -5.50, -4.26
CIELCh	62, 6.962, 217.765
Yxy	30.3677, 0.2918, 0.3226
Android (android.graphics.Color)	4287076765 (0xFF87999D)
YUV	148.0740, 4.4005, -11.4659
Hunter-Lab	55.1069, -7.4616, -0.4937

Details

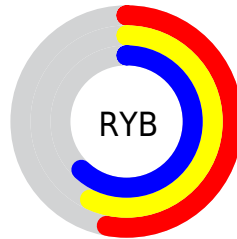
The XYZ color **27.4687, 30.3677, 36.3121** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5106, 27.3825, 26.7575**, and the grayscale version is **28.1657, 29.6325, 32.2698**.

A 20% lighter version of the original color is **54.9355, 60.0705, 70.9867**, and **11.0992, 12.4746, 15.4585** is the 20% darker color. If you saturate the color by 10%, you get **24.6654, 28.2384, 36.0493**, and if you desaturate by 10%, it is **30.6574, 32.7139, 36.5974**.

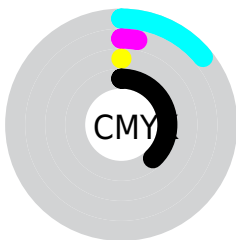
Distribution



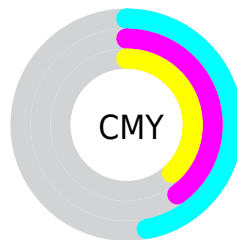
- Red (53%)
- Green (60%)
- Blue (62%)



- Red (53%)
- Yellow (57%)
- Blue (62%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4687, 30.3677, 36.3121 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 27.4687, 30.3677, 36.3121 by changing the saturation by 10% instead.

■ 27.4687, 30.3677,
36.3121

■ 27.4687, 30.3677,
36.3121

282.0457,
303.6146, 345.4012

■ 18.0639, 20.1179,
24.3837

■ 55.0497, 60.2432,
70.6880

■ 11.0959, 12.4807,
15.4037

■ 73.9566, 80.6376,
93.9726

■ 6.1991, 7.0720,
8.9534

■ 96.7616, 105.1824,
121.8796

■ 3.0083, 3.5072,
4.6144

123.8301,
134.2618, 154.8277

■ 1.1582, 1.4019,
1.9681

155.5274,
168.2604, 193.2354

■ 0.0730, 0.2181,
0.5356

192.2189,

■ 0.0000, 0.0000,

207.5624, 237.5212

0.0000

234.2699,
252.5524, 288.1036

■ 27.4687, 30.3677,
36.3121

■ 27.4687, 30.3677,
36.3121

■ 24.6654, 28.2384,
36.0493

■ 30.6574, 32.7139,
36.5974

■ 22.2287, 26.3137,
35.8063

■ 34.2443, 35.2812,
36.9039

■ 20.1418, 24.5857,
35.5827

■ 38.2447, 38.0785,
37.2330

■ 18.3858, 23.0446,
35.3778

■ 42.6723, 41.1130,
37.5853

■ 16.9398, 21.6793,
35.1905

■ 47.5402, 44.3914,
37.9615

■ 15.7805, 20.4779,
35.0197

■ 52.8609, 47.9204,
38.3623

■ 14.8813, 19.4264,
34.8641

■ 58.6465, 51.7064,
38.7881

■ 14.2102, 18.5082,
34.7223

■ 62.8173, 54.6771,
39.1417

■ 13.8668, 17.9961,
34.6415

■ 63.3819, 55.8063,
39.3299

Harmonies

Analogous

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



27.1226, 30.3677, 33.7642



27.4687, 30.3677, 36.3121



28.1901, 30.3677, 38.0519

Triad

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



27.4687, 30.3677, 36.3121



30.5559, 30.3677, 35.0475



28.6219, 30.3677, 28.2320

Complementary

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



27.4687, 30.3677, 36.3121



27.5106, 27.3825, 26.7575

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.



29.5477, 30.3677, 28.5345



27.4687, 30.3677, 36.3121



30.6776, 30.3677, 32.3761

Square

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



27.4687, 30.3677, 36.3121



29.9761, 30.3677, 37.2948



30.3049, 30.3677, 30.0180



27.7790, 30.3677, 29.1683

Rectangle

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



27.4687, 30.3677, 36.3121



28.7937, 30.3677, 38.4686



30.3049, 30.3677, 30.0180



28.9336, 30.3677, 28.1932

Sweetspot

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



27.4696, 30.3690, 36.3128



54.8645, 58.5581, 65.5379



26.6850, 31.1197, 28.8993



11.9782, 12.8168, 14.4129



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.



27.4696, 30.3690, 36.3128



47.4552, 53.0804, 64.8711



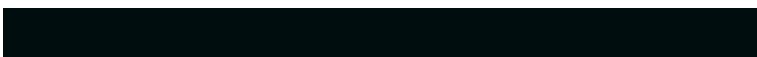
25.8006, 27.0311, 35.7565



6.7193, 7.3043, 8.4624



11.2868, 14.6651, 28.1430



0.2262, 0.3111, 0.5113

Inverse Universe

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



28.3191, 26.7965, 33.8182



49.3077, 45.3958, 59.4072



29.1315, 30.6243, 27.2979



6.8524, 6.7339, 8.0739



14.4952, 7.1027, 17.3908



0.2715, 0.1319, 0.3759

Previews

White Background



This preview shows how the XYZ color 27.4687, 30.3677, 36.3121 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.4687, 30.3677, 36.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

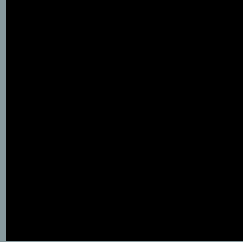
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

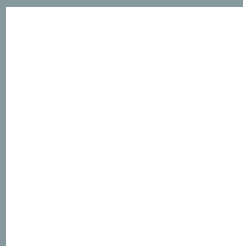
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4687, 30.3677, 36.3121

Background



This preview shows how black text looks on a background with the XYZ color 27.4687, 30.3677, 36.3121.



This preview shows how white text looks on a background with the XYZ color 27.4687, 30.3677,

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

27.4687, 30.3677, 36.3121

Protanopia

29.3427, 30.4073, 34.8945

Deuteranopia

30.8806, 30.2276, 37.0078



Tritanopia

28.0824, 30.3710, 39.5041

Trichromacy



Original Color

27.4687, 30.3677, 36.3121

Protanomaly

28.4998, 30.1990, 35.3372

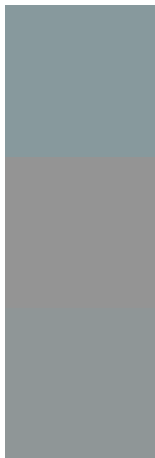
Deuteranomaly

29.5240, 30.2277, 36.6262

Tritanomaly

27.8146, 30.2639, 38.0937

Monochromacy



Original Color

27.4687, 30.3677, 36.3121

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8200, 29.8867, 33.5806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4687, 30.3677, 36.3121 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, 153, 157)` looks like.

```
.text, #text, p{  
    color:rgb(135, 153, 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, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 153, 157) }
```

Border

The CSS property to change the border of an element to XYZ 27.4687, 30.3677, 36.3121 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, 153, 157) }
```


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

```
.border{ border-color:rgb(135, 153, 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, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(135, 153,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4687, 30.3677, 36.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 153, 157) }
```

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

```
.background{ background-color: rgb(135,  
153, 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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