

Converting Colors

XYZ(26.9244, 30.3529, 36.4803)

Have a look what the booklet for
XYZ(26.9244, 30.3529, 36.4803)
contains.

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Color

**XYZ(26.8473, 30.2913,
36.3301)**

Conversions

Conversions Part 1

Format	Color
Hex	829A9D
RGB	130, 154, 157
RGB Percent	51%, 60%, 62%
CMY	0.4902, 0.3961, 0.3843
CMYK	0.17, 0.02, 0.00, 0.38
HSL	187°, 12%, 56%
HSV	187°, 17%, 62%
XYZ	26.8473, 30.2913, 36.3301
YIQ	147.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

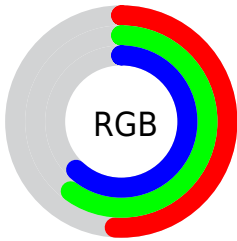
Format	Color
RYB	130, 143, 157
Decimal	8559261
CIELab	61.90, -7.73, -4.40
CIElCh	62, 8.897, 209.634
Yxy	30.2913, 0.2872, 0.3241
Android (android.graphics.Color)	4286749341 (0xFF829A9D)
YUV	147.1660, 4.8482, -15.0546
Hunter-Lab	55.0375, -9.2434, -0.6109

Details

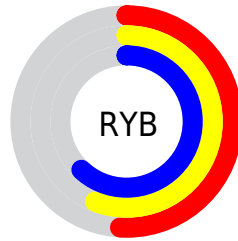
The XYZ color **26.8473, 30.2913, 36.3301** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3217, 25.5549, 24.6649**, and the grayscale version is **27.7876, 29.2347, 31.8366**.

A 20% lighter version of the original color is **53.9680, 59.9325, 71.0111**, and **10.7600, 12.4466, 15.4710** is the 20% darker color. If you saturate the color by 10%, you get **24.3351, 28.5729, 36.1313**, and if you desaturate by 10%, it is **29.7330, 32.2100, 36.5488**.

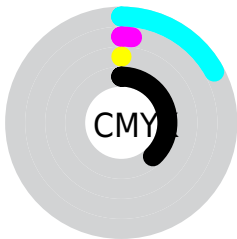
Distribution



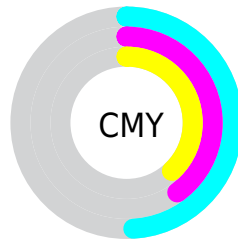
- Red (51%)
- Green (60%)
- Blue (62%)



- Red (51%)
- Yellow (56%)
- Blue (62%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8473, 30.2913, 36.3301 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 26.8473, 30.2913, 36.3301 by changing the saturation by 10% instead.

■ 26.8473, 30.2913,
36.3301

■ 26.8473, 30.2913,
36.3301

279.0981,
303.2599, 345.4820

■ 17.5946, 20.0598,
24.3975

■ 54.0604, 60.1225,
70.7160

■ 10.7572, 12.4385,
15.4139

■ 72.7514, 80.4911,
94.0065

■ 5.9699, 7.0431,
8.9605

■ 95.3192, 105.0074,
121.9200

■ 2.8673, 3.4890,
4.6190

122.1292,
134.0559, 154.8751

■ 1.0840, 1.3921,
1.9707

153.5468,
168.0211, 193.2903

■ 0.0116, 0.2109,
0.5372

189.9372,

■ 0.0000, 0.0000,

207.2872, 237.5841

0.0000

231.6658,
252.2387, 288.1752

■ 26.8473, 30.2913,
36.3301

■ 26.8473, 30.2913,
36.3301

■ 24.3351, 28.5729,
36.1313

■ 29.7330, 32.2100,
36.5488

■ 22.1770, 27.0425,
35.9497

■ 33.0050, 34.3332,
36.7862

■ 20.3561, 25.6921,
35.7850

■ 36.6788, 36.6700,
37.0436

■ 18.8528, 24.5115,
35.6363

■ 40.7685, 39.2273,
37.3217

■ 17.6458, 23.4898,
35.5027

■ 45.2872, 42.0121,
37.6210

■ 16.7107, 22.6143,
35.3830

■ 50.2476, 45.0309,
37.9423

■ 16.0197, 21.8707,
35.2759

■ 55.6617, 48.2900,
38.2860

■ 15.5274, 21.2355,
35.1793

■ 61.3192, 51.6810,
38.6423

■ 15.4010, 21.0645,
35.1529

■ 61.6431, 52.3288,
38.7503

Harmonies

Analogous

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



26.5626, 30.2913, 32.9403



26.8473, 30.2913, 36.3301



27.6495, 30.2913, 38.9663

Triad

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



26.8473, 30.2913, 36.3301



30.8110, 30.2913, 36.4074



28.8056, 30.2913, 26.8527

Complementary

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



26.8473, 30.2913, 36.3301



26.3217, 25.5549, 24.6649

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.



29.9634, 30.2913, 27.6442



26.8473, 30.2913, 36.3301



31.1406, 30.2913, 33.0239

Square

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



26.8473, 30.2913, 36.3301



29.9374, 30.2913, 39.0131



30.8263, 30.2913, 29.8463



27.6742, 30.2913, 27.6070

Rectangle

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



26.8473, 30.2913, 36.3301



28.3812, 30.2913, 39.8583



30.8263, 30.2913, 29.8463



29.2047, 30.2913, 26.9460

Sweetspot

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



26.8482, 30.2926, 36.3308



54.4206, 58.4518, 65.5408



25.4764, 30.5455, 26.6355



11.8944, 12.8093, 14.4159



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.



26.8482, 30.2926, 36.3308



46.1087, 52.9122, 64.9096



24.7877, 26.1715, 35.6439



6.7589, 7.3836, 8.4756



12.5249, 17.1413, 28.5557



0.2401, 0.3388, 0.5160

Inverse Universe

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



27.7207, 25.4671, 34.0278



48.0118, 42.5179, 59.8572



28.2442, 29.3998, 25.3058



6.8724, 6.7419, 8.1792



15.1202, 7.3526, 20.6818



0.2785, 0.1347, 0.4127

Previews

White Background



This preview shows how the XYZ color 26.8473, 30.2913, 36.3301 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 26.8473, 30.2913, 36.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

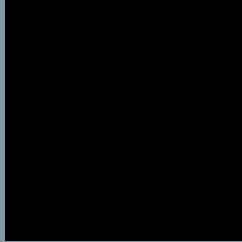
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

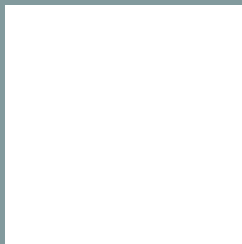
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8473, 30.2913, 36.3301

Background



This preview shows how black text looks on a background with the XYZ color 26.8473, 30.2913, 36.3301.



This preview shows how white text looks on a background with the XYZ color 26.8473, 30.2913,

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

26.8473, 30.2913, 36.3301

Protanopia

29.1851, 30.0922, 34.8420

Deuteranopia

30.6815, 30.1249, 36.9985



Tritanopia

27.6985, 30.4046, 40.0061

Trichromacy



Original Color

26.8473, 30.2913, 36.3301

Protanomaly

28.1504, 30.0189, 35.3209

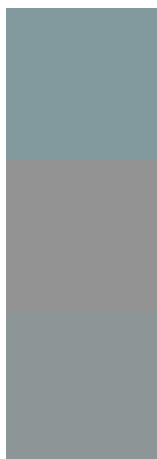
Deuteranomaly

28.9742, 29.9443, 36.6005

Tritanomaly

27.2729, 30.2164, 38.5773

Monochromacy



Original Color

26.8473, 30.2913, 36.3301

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4768, 29.7098, 33.5645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8473, 30.2913, 36.3301 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(130, 154, 157)` looks like.

```
.text, #text, p{  
    color:rgb(130, 154, 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(130, 154, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 154, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.8473, 30.2913, 36.3301 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(130, 154, 157) }
```


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

```
.border{ border-color:rgb(130, 154, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 154, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 154, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 154, 157);  
box-shadow:4px 4px 4px 4px rgb(130, 154,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8473, 30.2913, 36.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 154, 157) }
```

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

```
.background{ background-color: rgb(130,  
154, 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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