

Converting Colors

XYZ(26.7807, 30.4158, 34.7638)

Have a look what the booklet for
XYZ(26.7807, 30.4158, 34.7638)
contains.

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Color

**XYZ(26.8312, 30.5679,
34.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	839B99
RGB	131, 155, 153
RGB Percent	51%, 61%, 60%
CMY	0.4863, 0.3921, 0.4000
CMYK	0.15, 0.00, 0.01, 0.39
HSL	175°, 11%, 56%
HSV	175°, 15%, 61%
XYZ	26.8312, 30.5679, 34.6230
YIQ	147.5960, -13.6620, -5.7100

Conversions

Conversions Part 2

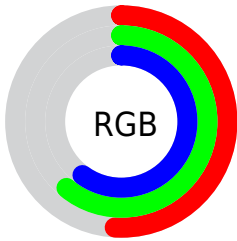
Format	Color
RYB	131, 144, 155
Decimal	8625049
CIELab	62.14, -8.82, -1.78
CIELCh	62, 8.996, 191.437
Yxy	30.5679, 0.2916, 0.3322
Android (android.graphics.Color)	4286815129 (0xFF839B99)
YUV	147.5960, 2.6642, -14.5547
Hunter-Lab	55.2882, -10.1290, 1.5728

Details

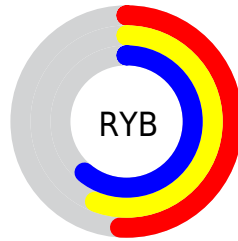
The XYZ color **26.8312, 30.5679, 34.6230** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8686, 24.8955, 25.6336**, and the grayscale version is **27.9742, 29.4310, 32.0504**.

A 20% lighter version of the original color is **53.8301, 60.2963, 67.8327**, and **10.7419, 12.6093, 14.4380** is the 20% darker color. If you saturate the color by 10%, you get **24.5018, 29.3802, 33.9601**, and if you desaturate by 10%, it is **29.5227, 31.9438, 35.3102**.

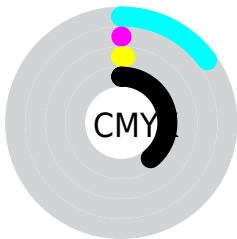
Distribution



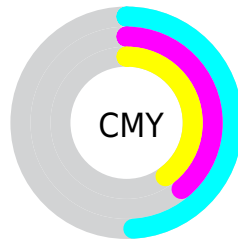
- Red (51%)
- Green (61%)
- Blue (60%)



- Red (51%)
- Yellow (56%)
- Blue (61%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8312, 30.5679, 34.6230 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 26.8312, 30.5679, 34.6230 by changing the saturation by 10% instead.

■ 26.8312, 30.5679,
34.6230

■ 26.8312, 30.5679,
34.6230

279.0214,
304.5427, 337.7547

■ 17.5824, 20.2700,
23.0914

■ 54.0347, 60.5591,
68.0463

■ 10.7485, 12.5915,
14.4551

■ 72.7201, 81.0213,
90.7750

■ 5.9640, 7.1479,
8.2955

■ 95.2818, 105.6403,
118.0731

■ 2.8637, 3.5547,
4.1941

122.0850,
134.8007, 150.3593

■ 1.0821, 1.4277,
1.7324

153.4953,
168.8867, 188.0520

■ 0.0100, 0.2370,
0.3828

189.8778,

■ 0.0000, 0.0000,

208.2827, 231.5698

0.0000

231.5981,
253.3733, 281.3312

■ 26.8312, 30.5679,
34.6230

■ 26.8312, 30.5679,
34.6230

■ 24.5018, 29.3802,
33.9601

■ 29.5227, 31.9438,
35.3102

■ 22.5160, 28.3686,
33.3186

■ 32.5885, 33.5118,
36.0204

■ 20.8576, 27.5256,
32.6984

■ 36.0437, 35.2803,
36.7548

■ 19.5079, 26.8417,
32.0987

■ 39.9015, 37.2562,
37.5142

■ 18.4466, 26.3063,
31.5185

■ 44.1746, 39.4462,
38.2992

■ 17.6508, 25.9077,
30.9566

■ 48.8753, 41.8564,
39.1102

■ 17.0941, 25.6322,
30.4118

■ 54.0152, 44.4929,
39.9480

■ 16.7414, 25.4617,
29.8825

■ 59.6038, 47.3606,
40.8130

■ 16.6098, 25.3990,
29.6468

■ 59.7206, 47.4073,
41.4281

Harmonies

Analogous

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



26.9023, 30.5679, 31.2055



26.8312, 30.5679, 34.6230



27.3432, 30.5679, 37.8937

Triad

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



26.8312, 30.5679, 34.6230



30.6220, 30.5679, 38.5362



29.8013, 30.5679, 27.3542

Complementary

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



26.8312, 30.5679, 34.6230



25.8686, 24.8955, 25.6336

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.



30.8344, 30.5679, 29.0628



26.8312, 30.5679, 34.6230



31.3172, 30.5679, 35.4512

Square

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



26.8312, 30.5679, 34.6230



29.5180, 30.5679, 40.2555



31.3960, 30.5679, 31.9785



28.5946, 30.5679, 27.1665

Rectangle

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



26.8312, 30.5679, 34.6230



27.9549, 30.5679, 39.4895



31.3960, 30.5679, 31.9785



30.1813, 30.5679, 27.7639

Sweetspot

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



26.8321, 30.5692, 34.6237



53.0694, 57.3075, 63.2823



25.5552, 30.1019, 25.9366



11.9356, 12.9322, 14.3051



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.



26.8321, 30.5692, 34.6237



46.3544, 53.8775, 61.5378



25.4640, 27.5662, 34.9905



6.3623, 7.0177, 7.8315



13.3472, 20.4023, 23.8469



0.2052, 0.3073, 0.3863

Inverse Universe

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



25.8686, 24.8955, 25.6336



44.2535, 41.5031, 41.9319



27.0814, 27.5403, 25.3618



6.2287, 6.2306, 6.5844



10.9219, 5.6230, 0.8480



0.1681, 0.0860, 0.0383

Previews

White Background



This preview shows how the XYZ color 26.8312, 30.5679, 34.6230 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 26.8312, 30.5679, 34.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

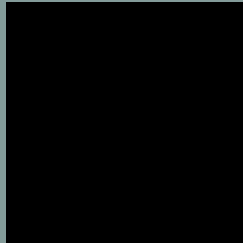
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8312, 30.5679, 34.6230

Background



This preview shows how black text looks on a background with the XYZ color 26.8312, 30.5679, 34.6230.

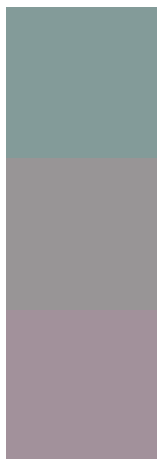


This preview shows how white text looks on a background with the XYZ color 26.8312, 30.5679,

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

26.8312, 30.5679, 34.6230

Protanopia

29.2014, 30.3723, 33.1775

Deuteranopia

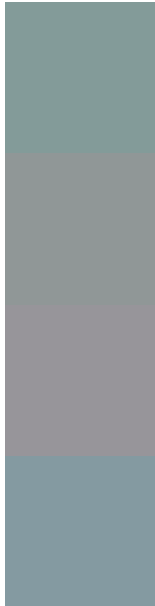
30.9421, 30.2987, 35.2278



Tritanopia

27.8556, 30.4856, 40.0135

Trichromacy



Original Color

26.8312, 30.5679, 34.6230

Protanomaly

28.1541, 30.2969, 33.6422

Deuteranomaly

29.3427, 30.4073, 34.8945

Tritanomaly

27.5043, 30.5899, 38.1730

Monochromacy



Original Color

26.8312, 30.5679, 34.6230

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.7270, 30.0860, 33.2000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8312, 30.5679, 34.6230 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(131, 155, 153)` looks like.

```
.text, #text, p{  
    color:rgb(131, 155, 153)  
}
```

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(131, 155, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 155, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.8312, 30.5679, 34.6230 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(131, 155, 153) }
```


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

```
.border{ border-color:rgb(131, 155, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 155, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 155, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 155, 153);  
box-shadow:4px 4px 4px 4px rgb(131, 155,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8312, 30.5679, 34.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 155, 153) }
```

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

```
.background{ background-color: rgb(131,  
155, 153) }
```

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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