

# Converting Colors

XYZ(26.6050, 30.4707, 33.5928)

Have a look what the booklet for  
XYZ(26.6050, 30.4707, 33.5928)  
contains.

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# Color

**XYZ(26.6673, 30.5023,  
33.7602)**

# Conversions

## Conversions Part 1

Format	Color
Hex	839B97
RGB	131, 155, 151
RGB Percent	51%, 61%, 59%
CMY	0.4863, 0.3921, 0.4078
CMYK	0.15, 0.00, 0.03, 0.39
HSL	170°, 11%, 56%
HSV	170°, 15%, 61%
XYZ	26.6673, 30.5023, 33.7602
YIQ	147.3680, -13.0200, -6.3320

# Conversions

## Conversions Part 2

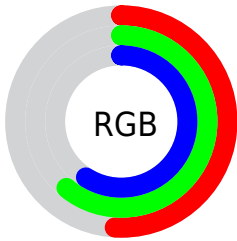
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 144, 155
Decimal	8625047
CIELab	62.09, -9.25, -0.74
CIElCh	62, 9.275, 184.557
Yxy	30.5023, 0.2933, 0.3354
Android (android.graphics.Color)	4286815127 (0xFF839B97)
YUV	147.3680, 1.7906, -14.3547
Hunter-Lab	55.2289, -10.4617, 2.4176

# Details

The XYZ color **26.6673, 30.5023, 33.7602** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.0081, 24.9512, 26.3682**, and the grayscale version is **27.8828, 29.3349, 31.9457**.

A 20% lighter version of the original color is **53.5871, 60.1991, 66.5528**, and **10.6439, 12.5701, 13.9219** is the 20% darker color. If you saturate the color by 10%, you get **24.2365, 29.2740, 32.5633**, and if you desaturate by 10%, it is **29.4636, 31.9201, 34.9996**.

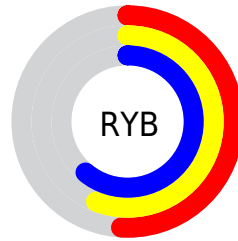
# Distribution



Red (51%)

Green (61%)

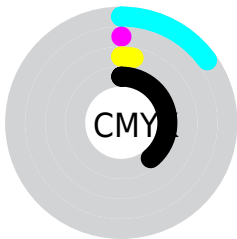
Blue (59%)



Red (51%)

Yellow (56%)

Blue (61%)

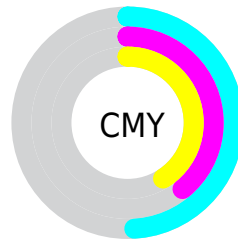


Cyan (15%)

Magenta (0%)

Yellow (3%)

Black (39%)



Cyan (49%)

Magenta (39%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6673, 30.5023, 33.7602 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 26.6673, 30.5023, 33.7602 by changing the saturation by 10% instead.



■ 26.6673, 30.5023,  
33.7602

■ 26.6673, 30.5023,  
33.7602

278.2396,  
304.2388, 333.7979

■ 17.4588, 20.2202,  
22.4336

■ 53.7732, 60.4556,  
66.6902

■ 10.6595, 12.5552,  
13.9745

■ 72.4013, 80.8956,  
89.1307

■ 5.9039, 7.1230,  
7.9644

■ 94.9000, 105.4903,  
116.1128

■ 2.8269, 3.5391,  
3.9847

121.6346,  
134.6242, 148.0552

■ 1.0629, 1.4193,  
1.6170

152.9705,  
168.6816, 185.3764

■ 0.0000, 0.2308,  
0.3029

189.2731,

■ 0.0000, 0.0000,

208.0469, 228.4949

0.0000

230.9077,  
253.1045, 277.8292

■ 26.6673, 30.5023,  
33.7602

■ 26.6673, 30.5023,  
33.7602

■ 24.2365, 29.2740,  
32.5633

■ 29.4636, 31.9201,  
34.9996

■ 22.1527, 28.2232,  
31.4058

■ 32.6377, 33.5314,  
36.2801

■ 20.3997, 27.3424,  
30.2875

■ 36.2047, 35.3447,  
37.6034

■ 18.9588, 26.6221,  
29.2074

■ 40.1779, 37.3668,  
38.9702

■ 17.8096, 26.0515,  
28.1644

■ 44.5699, 39.6043,  
40.3811

■ 16.9293, 25.6190,  
27.1572

■ 49.3930, 42.0634,  
41.8370

■ 16.2913, 25.3110,  
26.1845

■ 54.6589, 44.7503,  
43.3386

■ 15.8606, 25.1094,  
25.2444

■ 60.3773, 47.6699,  
44.8864

■ 15.6949, 25.0330,  
24.8287

■ 60.6274, 47.7700,  
46.2034

# Harmonies

## Analogous

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



26.8806, 30.5023, 30.3492



26.6673, 30.5023, 33.7602



27.0620, 30.5023, 37.2596

# Triad

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



26.6673, 30.5023, 33.7602



30.3724, 30.5023, 39.1919



30.0335, 30.5023, 27.3909

# Complementary

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



26.6673, 30.5023, 33.7602



26.0081, 24.9512, 26.3682

# 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.



31.0106, 30.5023, 29.4684



26.6673, 30.5023, 33.7602



31.2102, 30.5023, 36.2490

# Square

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



26.6673, 30.5023, 33.7602



29.1824, 30.5023, 40.5352



31.4470, 30.5023, 32.6694



28.8015, 30.5023, 26.8283



# Rectangle

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



26.6673, 30.5023, 33.7602



27.6237, 30.5023, 39.1239



31.4470, 30.5023, 32.6694



30.4038, 30.5023, 27.9275

# Sweetspot

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



26.6682, 30.5036, 33.7609



52.9712, 57.2682, 62.7651



25.8751, 30.2668, 25.9515



11.9106, 12.9222, 14.1732



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.



26.6682, 30.5036, 33.7609



45.9897, 53.7316, 59.6174



25.7734, 28.1849, 35.0936



6.3403, 7.0089, 7.7156



12.6176, 20.1105, 20.0047



0.1990, 0.3048, 0.3537



# Inverse Universe

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



26.0081, 24.9512, 26.3682



44.5506, 41.6219, 43.4964



26.7901, 26.9578, 25.2646



6.2487, 6.2387, 6.6900



11.0159, 5.6606, 1.3430



0.1740, 0.0883, 0.0689



# Previews

## White Background



This preview shows how the XYZ color 26.6673, 30.5023, 33.7602 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 26.6673, 30.5023, 33.7602 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

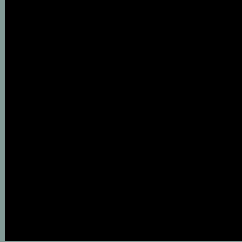
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

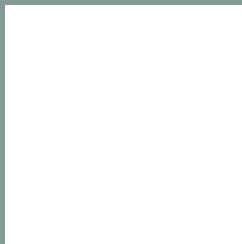
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 26.6673, 30.5023, 33.7602**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.6673, 30.5023, 33.7602.



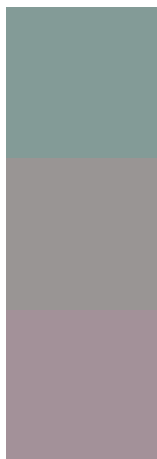
This preview shows how white text looks on a background with the XYZ color 26.6673, 30.5023,



# 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

26.6673, 30.5023, 33.7602

### Protanopia

29.2296, 30.4053, 32.3452

### Deuteranopia

30.9794, 30.3372, 34.3599



## Tritanopia

28.0143, 30.5674, 40.0209

# Trichromacy



## Original Color

26.6673, 30.5023, 33.7602

## Protanomaly

28.1685, 30.3229, 32.8020

## Deuteranomaly

29.1774, 30.3412, 34.0244

## Tritanomaly

27.5736, 30.6358, 37.7177

# Monochromacy



## Original Color

26.6673, 30.5023, 33.7602

## Achromatopsia

27.7328, 29.1771, 31.7738

## Achromatomaly

27.2361, 29.6135, 32.2975

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.6673, 30.5023, 33.7602 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(131, 155, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 155, 151) }
```

## Border

The CSS property to change the border of an element to XYZ 26.6673, 30.5023, 33.7602 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, 151) }
```



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

```
.border{ border-color:rgb(131, 155, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(131, 155,  
151) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.6673, 30.5023, 33.7602 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, 151) }
```

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

```
.background{ background-color: rgb(131,  
155, 151) }
```

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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