

# Converting Colors

XYZ(25.7354, 30.6969, 31.1382)

Have a look what the booklet for  
XYZ(25.7354, 30.6969, 31.1382)  
contains.

<b>XYZ(25.6952, 30.5632, 30.9306)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(25.6952, 30.5632,  
30.9306)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E9D90
RGB	126, 157, 144
RGB Percent	49%, 62%, 56%
CMY	0.5059, 0.3843, 0.4353
CMYK	0.20, 0.00, 0.08, 0.38
HSL	155°, 14%, 55%
HSV	155°, 20%, 62%
XYZ	25.6952, 30.5632, 30.9306
YIQ	146.2490, -14.3030, -10.6150

# Conversions

## Conversions Part 2

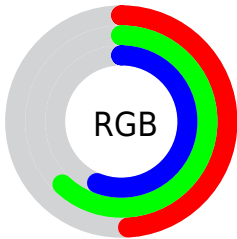
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 146, 157
Decimal	8297872
CIE <sub>Lab</sub>	62.14, -13.50, 3.25
CIE <sub>LCh</sub>	62, 13.881, 166.479
Yxy	30.5632, 0.2947, 0.3505
Android (android.graphics.Color)	4286487952 (0xFF7E9D90)
YUV	146.2490, -1.1088, -17.7584
Hunter-Lab	55.2840, -13.7828, 5.5269

# Details

The XYZ color **25.6952, 30.5632, 30.9306** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.0268, 23.9546, 27.6793**, and the grayscale version is **27.4331, 28.8617, 31.4304**.

A 20% lighter version of the original color is **52.3269, 60.7479, 62.3937**, and **10.1549, 12.6527, 12.4967** is the 20% darker color. If you saturate the color by 10%, you get **23.0708, 29.2676, 28.2572**, and if you desaturate by 10%, it is **28.7141, 32.0605, 33.7770**.

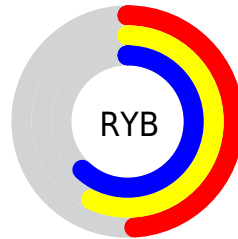
# Distribution



Red (49%)

Green (62%)

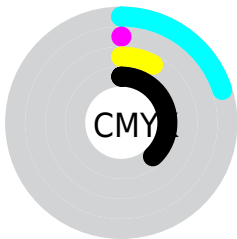
Blue (56%)



Red (49%)

Yellow (57%)

Blue (62%)

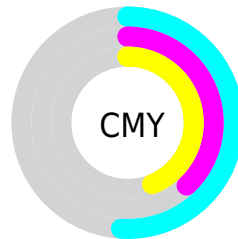


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (51%)

Magenta (38%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6952, 30.5632, 30.9306 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 25.6952, 30.5632, 30.9306 by changing the saturation by 10% instead.



■ 25.6952, 30.5632,  
30.9306

■ 25.6952, 30.5632,  
30.9306

273.5668,  
304.5209, 320.5598

■ 16.7272, 20.2665,  
20.2880

■ 52.2176, 60.5517,  
62.2091

■ 10.1343, 12.5889,  
12.4184

■ 70.5028, 81.0123,  
83.6820

■ 5.5510, 7.1461,  
6.9033

■ 92.6244, 105.6296,  
109.6022

■ 2.6121, 3.5536,  
3.3242

118.9479,  
134.7880, 140.3881

■ 0.9521, 1.4271,  
1.2625

149.8385,  
168.8720, 176.4582

■ 0.0000, 0.2366,  
0.0307

185.6616,

■ 0.0000, 0.0000,

208.2658, 218.2312

0.0000

226.7826,  
253.3540, 266.1255

■ 25.6952, 30.5632,  
30.9306

■ 25.6952, 30.5632,  
30.9306

■ 23.0708, 29.2676,  
28.2572

■ 28.7141, 32.0605,  
33.7770

■ 20.8208, 28.1608,  
25.7513

■ 32.1411, 33.7639,  
36.7977

■ 18.9275, 27.2346,  
23.4101

■ 35.9925, 35.6825,  
39.9966

■ 17.3702, 26.4785,  
21.2300

■ 40.2828, 37.8239,  
43.3766

■ 16.1266, 25.8808,  
19.2070

■ 45.0258, 40.1950,  
46.9408

■ 15.1708, 25.4285,  
17.3371

■ 50.2347, 42.8026,  
50.6921

■ 14.4732, 25.1063,  
15.6159

■ 55.9221, 45.6533,  
54.6335

■ 13.9649, 24.8786,  
14.0371

■ 62.1004, 48.7532,  
58.7675

■ 13.9527, 24.8732,  
13.9987

■ 64.1084, 49.6995,  
62.8784

# Harmonies

## Analogous

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



26.5219, 30.5632, 26.6852



25.6952, 30.5632, 30.9306



25.7395, 30.5632, 36.2823

# Triad

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



25.6952, 30.5632, 30.9306



30.0803, 30.5632, 44.1490



31.5937, 30.5632, 26.3624

# Complementary

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



25.6952, 30.5632, 30.9306



26.0268, 23.9546, 27.6793

# 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.



32.6316, 30.5632, 30.4446



25.6952, 30.5632, 30.9306



31.7325, 30.5632, 40.8762

# Square

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



25.6952, 30.5632, 30.9306



28.2177, 30.5632, 44.3152



32.6835, 30.5632, 35.7415



29.8973, 30.5632, 24.2450



# Rectangle

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



25.6952, 30.5632, 30.9306



26.2560, 30.5632, 39.7762



32.6835, 30.5632, 35.7415



32.0343, 30.5632, 27.5293

# Sweetspot

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



25.6961, 30.5645, 30.9313



53.5637, 58.4782, 62.4160



26.5439, 31.1480, 24.3522



11.7086, 12.8291, 13.6649



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.



25.6961, 30.5645, 30.9313



43.7140, 53.5966, 53.0959



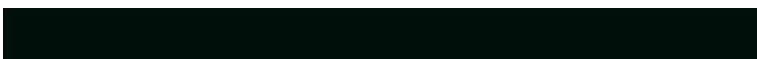
26.4013, 30.2918, 36.3552



6.7041, 7.4624, 7.8763



11.3503, 20.2081, 11.4678



0.2238, 0.3697, 0.3146



# Inverse Universe

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



26.0268, 23.9546, 27.6793



44.4242, 39.4111, 46.1191



25.3993, 24.1309, 23.0581



6.7427, 6.6900, 7.4961



12.1058, 6.1469, 4.8081



0.2371, 0.1182, 0.1946



# Previews

## White Background



This preview shows how the XYZ color 25.6952, 30.5632, 30.9306 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 25.6952, 30.5632, 30.9306 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

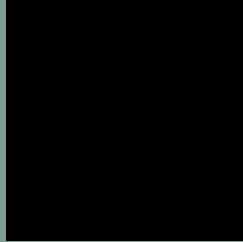
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 25.6952, 30.5632, 30.9306**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.6952, 30.5632, 30.9306.



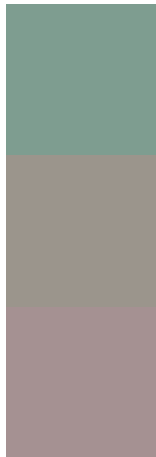
This preview shows how white text looks on a background with the XYZ color 25.6952, 30.5632,



# 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

25.6952, 30.5632, 30.9306

### Protanopia

28.9986, 30.3569, 29.1420

### Deuteranopia

30.8308, 30.3255, 31.4226



## Tritanopia

27.6445, 30.6102, 40.5277

# Trichromacy



## Original Color

25.6952, 30.5632, 30.9306

## Protanomaly

27.5376, 30.3089, 29.5981

## Deuteranomaly

28.6208, 30.1185, 31.0930

## Tritanomaly

26.9462, 30.5784, 36.8298

# Monochromacy



## Original Color

25.6952, 30.5632, 30.9306

## Achromatopsia

27.3213, 28.7441, 31.3023

## Achromatomaly

26.6646, 29.3460, 31.0470

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.6952, 30.5632, 30.9306 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(126, 157, 144)` looks like.

```
.text, #text, p{  
    color:rgb(126, 157, 144)  
}
```

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(126, 157, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 157, 144) }
```

## Border

The CSS property to change the border of an element to XYZ 25.6952, 30.5632, 30.9306 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(126, 157, 144) }
```



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

```
.border{ border-color:rgb(126, 157, 144) }
```

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

Here you see how a box with a 4 pixel rgb(126, 157, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 157, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 157, 144);  
box-shadow:4px 4px 4px 4px rgb(126, 157,  
144) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.6952, 30.5632, 30.9306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 157, 144) }
```

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

```
.background{ background-color: rgb(126,  
157, 144) }
```

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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