

Converting Colors

XYZ(25.6331, 27.7461, 30.3202)

Have a look what the booklet for
XYZ(25.6331, 27.7461, 30.3202)
contains.

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Color

**XYZ(25.6407, 27.6677,
30.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9190
RGB	138, 145, 144
RGB Percent	54%, 57%, 56%
CMY	0.4588, 0.4314, 0.4353
CMYK	0.05, 0.00, 0.01, 0.43
HSL	171°, 3%, 55%
HSV	171°, 5%, 57%
XYZ	25.6407, 27.6677, 30.3745
YIQ	142.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

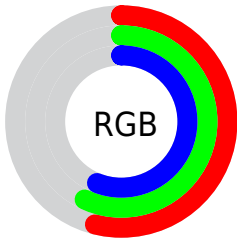
Format	Color
R_{YB}	138, 142, 145
Decimal	9081232
CIE _{Lab}	59.59, -2.73, -0.36
CIE _{LCh}	60, 2.758, 187.462
Yxy	27.6677, 0.3064, 0.3306
Android (android.graphics.Color)	4287271312 (0xFF8A9190)
YUV	142.7930, 0.5951, -4.2035
Hunter-Lab	52.6001, -5.0377, 2.5824

Details

The XYZ color **25.6407, 27.6677, 30.3745** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4268, 26.0616, 28.1178**, and the grayscale version is **26.0254, 27.3807, 29.8176**.

A 20% lighter version of the original color is **52.1023, 56.0004, 61.4892**, and **10.1371, 11.0673, 12.1916** is the 20% darker color. If you saturate the color by 10%, you get **23.2430, 26.4506, 29.4421**, and if you desaturate by 10%, it is **28.3632, 29.0535, 31.3385**.

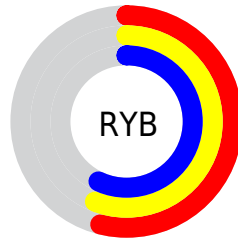
Distribution



Red (54%)

Green (57%)

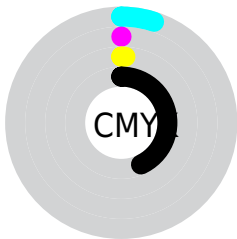
Blue (56%)



Red (54%)

Yellow (56%)

Blue (57%)

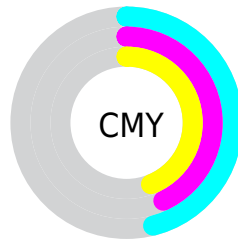


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (43%)



Cyan (46%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6407, 27.6677, 30.3745 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 25.6407, 27.6677, 30.3745 by changing the saturation by 10% instead.

■ 25.6407, 27.6677,
30.3745

■ 25.6407, 27.6677,
30.3745

273.3030,
290.8756, 317.9077

■ 16.6863, 18.0753,
19.8686

■ 52.1302, 55.9535,
61.3219

■ 10.1050, 11.0041,
12.1164

■ 70.3960, 75.4156,
82.6005

■ 5.5314, 6.0696,
6.6995

■ 92.4963, 98.9365,
108.3070

■ 2.6002, 2.8874,
3.1993

118.7965,
126.9006, 138.8600

■ 0.9461, 1.0733,
1.1973

149.6619,
159.6921, 174.6780

■ 0.0000, 0.0000,
0.0000

185.4579,

197.6955, 216.1796

226.5498,
241.2952, 263.7833

■ 25.6407, 27.6677,
30.3745

■ 25.6407, 27.6677,
30.3745

■ 23.2430, 26.4506,
29.4421

■ 28.3632, 29.0535,
31.3385

■ 21.1552, 25.3921,
28.5387

■ 31.4201, 30.6105,
32.3329

■ 19.3645, 24.4865,
27.6644

■ 34.8235, 32.3458,
33.3589

■ 17.8566, 23.7263,
26.8182

■ 38.5841, 34.2650,
34.4171

■ 16.6158, 23.1035,
25.9995

■ 42.7123, 36.3732,
35.5081

■ 15.6249, 22.6091,
25.2073

■ 47.2178, 38.6758,
36.6323

■ 14.8647, 22.2334,
24.4407

■ 52.1104, 41.1774,
37.7903

■ 14.3132, 21.9650,
23.6984

■ 57.3991, 43.8829,
38.9827

■ 13.9417, 21.7890,
22.9792

■ 57.9486, 44.1449,
39.9692

Harmonies

Analogous

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



25.6853, 27.6677, 29.3983



25.6407, 27.6677, 30.3745



25.7708, 27.6677, 31.3038

Triad

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



25.6407, 27.6677, 30.3745



26.7056, 27.6677, 31.6692



26.5541, 27.6677, 28.3932

Complementary

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



25.6407, 27.6677, 30.3745



25.4268, 26.0616, 28.1178

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.



26.8310, 27.6677, 28.9770



25.6407, 27.6677, 30.3745



26.9190, 27.6677, 30.8645

Square

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



25.6407, 27.6677, 30.3745



26.3841, 27.6677, 32.0619



26.9651, 27.6677, 29.8777



26.2107, 27.6677, 28.2686

Rectangle

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



25.6407, 27.6677, 30.3745



25.9398, 27.6677, 31.7667



26.9651, 27.6677, 29.8777



26.6581, 27.6677, 28.5416

Sweetspot

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



25.6415, 27.6689, 30.3751



47.7044, 50.4569, 55.0451



25.3695, 27.5803, 28.0317



10.6194, 11.2282, 12.2479



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.6415, 27.6689, 30.3751



45.3289, 49.2491, 54.1750



25.3480, 26.9587, 30.6570



5.6799, 6.1807, 6.8019



11.8257, 18.6262, 19.4342



0.1189, 0.1804, 0.2168

Inverse Universe

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



25.4268, 26.0616, 28.1178



44.8454, 45.6289, 49.0909



25.7095, 26.7436, 27.8523



5.6164, 5.7050, 6.1339



10.1364, 5.2116, 1.1035



0.1018, 0.0518, 0.0361

Previews

White Background



This preview shows how the XYZ color 25.6407, 27.6677, 30.3745 looks on a white background.

Color Contrast Check

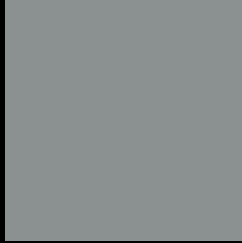
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6407, 27.6677, 30.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

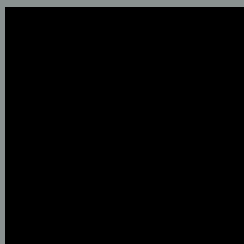
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

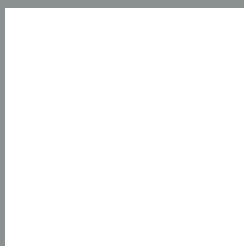
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6407, 27.6677, 30.3745

Background



This preview shows how black text looks on a background with the XYZ color 25.6407, 27.6677, 30.3745.



This preview shows how white text looks on a background with the XYZ color 25.6407, 27.6677,

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

25.6407, 27.6677, 30.3745

Protanopia

26.6344, 27.7391, 29.9370

Deuteranopia

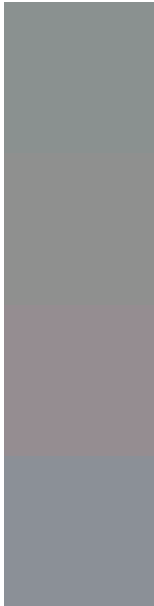
28.0538, 27.5775, 30.6325



Tritanopia

26.5541, 27.5869, 34.9356

Trichromacy



Original Color

25.6407, 27.6677, 30.3745

Protanomaly

26.2589, 27.7693, 29.9626

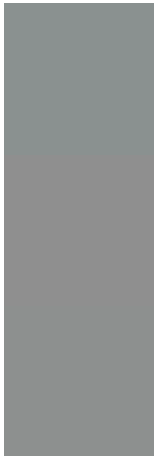
Deuteranomaly

27.0301, 27.4836, 30.6683

Tritanomaly

26.2066, 27.6699, 33.2377

Monochromacy



Original Color

25.6407, 27.6677, 30.3745

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9157, 27.5924, 29.9466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6407, 27.6677, 30.3745 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(138, 145, 144)` looks like.

```
.text, #text, p{  
    color:rgb(138, 145, 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(138, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 145, 144) }
```

Border

The CSS property to change the border of an element to XYZ 25.6407, 27.6677, 30.3745 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(138, 145, 144) }
```


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

```
.border{ border-color:rgb(138, 145, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(138, 145,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6407, 27.6677, 30.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 145, 144) }
```

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

```
.background{ background-color: rgb(138,  
145, 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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