

Converting Colors

XYZ(25.0358, 28.6079, 27.7200)

Have a look what the booklet for
XYZ(25.0358, 28.6079, 27.7200)
contains.

XYZ(25.0946, 28.6054, 27.8657)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.0946, 28.6054,
27.8657)**

Conversions

Conversions Part 1

Format	Color
Hex	859689
RGB	133, 150, 137
RGB Percent	52%, 59%, 54%
CMY	0.4784, 0.4118, 0.4627
CMYK	0.11, 0.00, 0.09, 0.41
HSL	134°, 7%, 55%
HSV	134°, 11%, 59%
XYZ	25.0946, 28.6054, 27.8657
YIQ	143.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

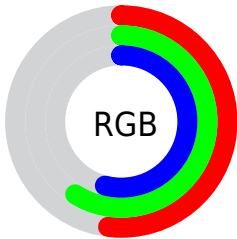
Format	Color
R_{YB}	133, 147, 150
Decimal	8754825
CIE _{Lab}	60.43, -8.68, 4.80
CIE _{LCh}	60, 9.923, 151.073
Yxy	28.6054, 0.3077, 0.3507
Android (android.graphics.Color)	4286944905 (0xFF859689)
YUV	143.4350, -3.1725, -9.1515
Hunter-Lab	53.4840, -9.8452, 6.5481

Details

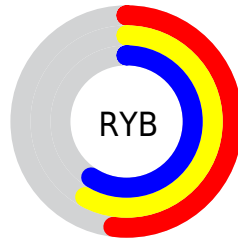
The XYZ color **25.0946, 28.6054, 27.8657** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1546, 25.3352, 30.7072**, and the grayscale version is **26.2970, 27.6665, 30.1288**.

A 20% lighter version of the original color is **51.1368, 57.3425, 57.0882**, and **9.7494, 11.4508, 10.7132** is the 20% darker color. If you saturate the color by 10%, you get **22.1138, 27.1597, 23.6568**, and if you desaturate by 10%, it is **28.5027, 30.2630, 32.5525**.

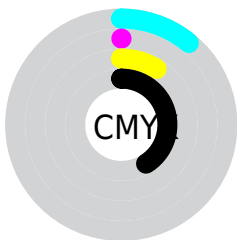
Distribution



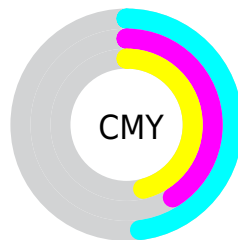
- Red (52%)
- Green (59%)
- Blue (54%)



- Red (52%)
- Yellow (58%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (48%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0946, 28.6054, 27.8657 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 25.0946, 28.6054, 27.8657 by changing the saturation by 10% instead.

■ 25.0946, 28.6054,
27.8657

■ 25.0946, 28.6054,
27.8657

270.6477,
295.3485, 305.7163

■ 16.2767, 18.7825,
17.9863

■ 51.2524, 57.4496,
57.2905

■ 9.8122, 11.5132,
10.7708

■ 69.3230, 77.2396,
77.6729

■ 5.3359, 6.4132,
5.8007

■ 91.2086, 101.1208,
102.3934

■ 2.4825, 3.0979,
2.6575

117.2744,
129.4777, 131.8706

■ 0.8864, 1.1831,
0.9219

147.8859,
162.6944, 166.5229

■ 0.0000, 0.0478,
0.0000

183.4083,

■ 0.0000, 0.0000,

201.1556, 206.7690

0.0000

224.2072,
245.2455, 253.0273

■ 25.0946, 28.6054,
27.8657

■ 25.0946, 28.6054,
27.8657

■ 22.1138, 27.1597,
23.6568

■ 28.5027, 30.2630,
32.5525

■ 19.5411, 25.9136,
19.9090

■ 32.3518, 32.1366,
37.7298

■ 17.3589, 24.8595,
16.6071

■ 36.6578, 34.2352,
43.4118

■ 15.5479, 23.9876,
13.7344

■ 41.4353, 36.5658,
49.6118

■ 14.0867, 23.2873,
11.2732

■ 46.6980, 39.1352,
56.3424

■ 12.9518, 22.7468,
9.2046

■ 52.4591, 41.9502,
63.6159

■ 12.1169, 22.3531,
7.5080

■ 58.7315, 45.0170,
71.4442

■ 11.5510, 22.0906,
6.1611

■ 65.5273, 48.3416,
79.8387

■ 11.2146, 21.9369,
5.2560

■ 67.9112, 49.3795,
88.5791

Harmonies

Analogous

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



25.9402, 28.6054, 25.5005



25.0946, 28.6054, 27.8657



24.8056, 28.6054, 31.2783

Triad

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



25.0946, 28.6054, 27.8657



27.2346, 28.6054, 38.7238



29.3475, 28.6054, 27.6544

Complementary

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



25.0946, 28.6054, 27.8657



26.1546, 25.3352, 30.7072

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.



29.7195, 28.6054, 31.0149



25.0946, 28.6054, 27.8657



28.4763, 28.6054, 37.5696

Square

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



25.0946, 28.6054, 27.8657



26.0175, 28.6054, 37.7190



29.3959, 28.6054, 34.6750



28.3943, 28.6054, 25.3854

Rectangle

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



25.0946, 28.6054, 27.8657



24.9600, 28.6054, 33.7452



29.3959, 28.6054, 34.6750



29.5460, 28.6054, 28.6846

Sweetspot

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



25.0954, 28.6066, 27.8663



49.2067, 52.8737, 55.9579



27.0011, 29.6216, 26.4852



10.7996, 11.6663, 12.2572



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.0954, 28.6066, 27.8663



42.6614, 49.6931, 46.9044



25.7271, 28.8593, 31.1927



5.7822, 6.4895, 6.4640



9.3116, 18.1974, 4.4166



0.1239, 0.2267, 0.1061

Inverse Universe

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



26.1546, 25.3352, 30.7072



44.9691, 42.5646, 53.0936



25.5199, 25.0813, 27.3648



5.9776, 5.8861, 6.9880



12.9971, 6.4039, 13.9977



0.1704, 0.0829, 0.2310

Previews

White Background



This preview shows how the XYZ color 25.0946, 28.6054, 27.8657 looks on a white background.

Color Contrast Check

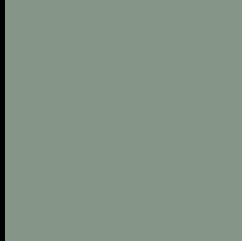
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0946, 28.6054, 27.8657 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

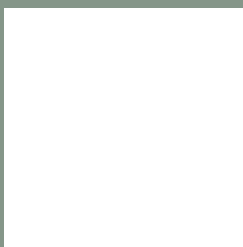
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0946, 28.6054, 27.8657

Background



This preview shows how black text looks on a background with the XYZ color 25.0946, 28.6054, 27.8657.

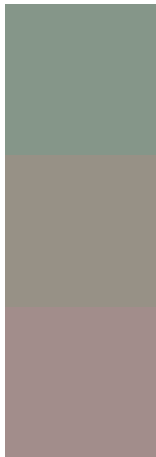


This preview shows how white text looks on a background with the XYZ color 25.0946, 28.6054,

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

25.0946, 28.6054, 27.8657

Protanopia

27.1910, 28.5513, 26.6321

Deuteranopia

29.0854, 28.5952, 28.4126



Tritanopia

27.0083, 28.6890, 36.9149

Trichromacy



Original Color

25.0946, 28.6054, 27.8657

Protanomaly

26.3085, 28.5460, 27.0450

Deuteranomaly

27.3232, 28.3608, 28.0789

Tritanomaly

26.3292, 28.6484, 33.4202

Monochromacy



Original Color

25.0946, 28.6054, 27.8657

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7341, 27.9698, 29.2417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0946, 28.6054, 27.8657 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(133, 150, 137)` looks like.

```
.text, #text, p{  
    color:rgb(133, 150, 137)  
}
```

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(133, 150, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 150, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.0946, 28.6054, 27.8657 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(133, 150, 137) }
```


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

```
.border{ border-color:rgb(133, 150, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 150, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 150, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 150, 137);  
box-shadow:4px 4px 4px 4px rgb(133, 150,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0946, 28.6054, 27.8657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 150, 137) }
```

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

```
.background{ background-color: rgb(133,  
150, 137) }
```

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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