

Converting Colors

XYZ(25.5757, 28.7585, 33.2475)

Have a look what the booklet for
XYZ(25.5757, 28.7585, 33.2475)
contains.

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Color

**XYZ(25.4646, 28.6818,
33.0482)**

Conversions

Conversions Part 1

Format	Color
Hex	819696
RGB	129, 150, 150
RGB Percent	51%, 59%, 59%
CMY	0.4941, 0.4118, 0.4118
CMYK	0.14, 0.00, 0.00, 0.41
HSL	180°, 9%, 55%
HSV	180°, 14%, 59%
XYZ	25.4646, 28.6818, 33.0482
YIQ	143.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

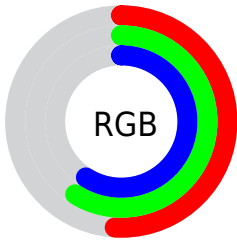
Format	Color
R_{YB}	129, 140, 150
Decimal	8492694
CIE _{Lab}	60.50, -7.41, -2.51
CIE _{LCh}	60, 7.823, 198.730
Yxy	28.6818, 0.2920, 0.3289
Android (android.graphics.Color)	4286682774 (0xFF819696)
YUV	143.7210, 3.0955, -12.9103
Hunter-Lab	53.5554, -8.8485, 0.9018

Details

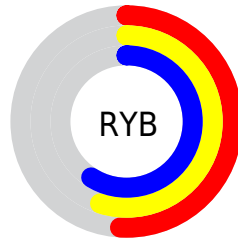
The XYZ color **25.4646, 28.6818, 33.0482** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3914, 23.7703, 24.0726**, and the grayscale version is **26.3892, 27.7635, 30.2345**.

A 20% lighter version of the original color is **51.7834, 57.4904, 65.4942**, and **9.9384, 11.4868, 13.4977** is the 20% darker color. If you saturate the color by 10%, you get **23.3514, 27.5932, 32.9493**, and if you desaturate by 10%, it is **27.9140, 29.9452, 33.1641**.

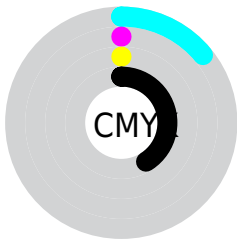
Distribution



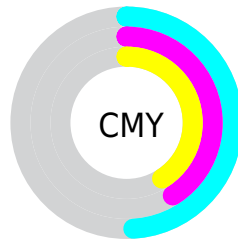
- Red (51%)
- Green (59%)
- Blue (59%)



- Red (51%)
- Yellow (55%)
- Blue (59%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4646, 28.6818, 33.0482 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 25.4646, 28.6818, 33.0482 by changing the saturation by 10% instead.

■ 25.4646, 28.6818,
33.0482

■ 25.4646, 28.6818,
33.0482

272.4490,
295.7106, 330.5055

■ 16.5541, 18.8402,
21.8920

■ 51.8474, 57.5711,
65.5677

■ 10.0104, 11.5549,
13.5800

■ 70.0505, 77.3877,
87.7679

■ 5.4682, 6.4414,
7.6937

■ 92.0817, 101.2981,
114.4867

■ 2.5621, 3.1153,
3.8146

118.3066,
129.6866, 146.1423

■ 0.9267, 1.1922,
1.5242

149.0904,
162.9378, 183.1535

■ 0.0000, 0.0553,
0.2359

184.7985,

■ 0.0000, 0.0000,

201.4359, 225.9388

0.0000

225.7962,
245.5654, 274.9166

■ 25.4646, 28.6818,
33.0482

■ 25.4646, 28.6818,
33.0482

■ 23.3514, 27.5932,
32.9493

■ 27.9140, 29.9452,
33.1641

■ 21.5574, 26.6684,
32.8647

■ 30.7107, 31.3870,
33.2956

■ 20.0678, 25.9005,
32.7944

■ 33.8684, 33.0148,
33.4440

■ 18.8657, 25.2808,
32.7375

■ 37.3994, 34.8351,
33.6098

■ 17.9327, 24.7998,
32.6932

■ 41.3152, 36.8538,
33.7937

■ 17.2479, 24.4468,
32.6605

■ 45.6271, 39.0766,
33.9962

■ 16.7878, 24.2096,
32.6383

■ 50.3457, 41.5091,
34.2176

■ 16.5237, 24.0735,
32.6254

■ 55.4812, 44.1566,
34.4586

■ 16.4109, 24.0154,
32.6197

■ 57.6531, 45.2762,
34.5608

Harmonies

Analogous

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



25.4022, 28.6818, 30.1561



25.4646, 28.6818, 33.0482



26.0013, 28.6818, 35.5952

Triad

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



25.4646, 28.6818, 33.0482



28.7457, 28.6818, 35.0403



27.6422, 28.6818, 26.0907

Complementary

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



25.4646, 28.6818, 33.0482



24.3914, 23.7703, 24.0726

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.



28.5612, 28.6818, 27.2364



25.4646, 28.6818, 33.0482



29.2087, 28.6818, 32.3282

Square

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



25.4646, 28.6818, 33.0482



27.8890, 28.6818, 36.7934



29.1404, 28.6818, 29.4790



26.6429, 28.6818, 26.2570

Rectangle

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



25.4646, 28.6818, 33.0482



26.5634, 28.6818, 36.6995



29.1404, 28.6818, 29.4790



27.9711, 28.6818, 26.3321

Sweetspot

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



25.4654, 28.6830, 33.0488



49.2237, 52.8257, 58.5228



23.9761, 28.0934, 24.9282



10.8376, 11.6703, 12.9661



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.



25.4654, 28.6830, 33.0488



43.6306, 49.9424, 58.2596



23.9152, 25.5824, 32.5329



5.9641, 6.5622, 7.4219



13.6103, 19.9169, 27.0529



0.1666, 0.2438, 0.3311

Inverse Universe

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



24.3914, 23.7703, 24.0726



41.3366, 39.4498, 39.0882



25.7955, 26.5787, 24.5400



5.8008, 5.8154, 6.0573



10.4317, 5.3777, 0.4886



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 25.4646, 28.6818, 33.0482 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 25.4646, 28.6818, 33.0482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

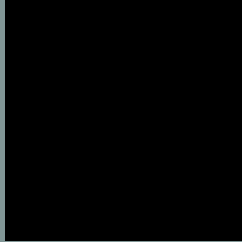
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4646, 28.6818, 33.0482

Background



This preview shows how black text looks on a background with the XYZ color 25.4646, 28.6818, 33.0482.

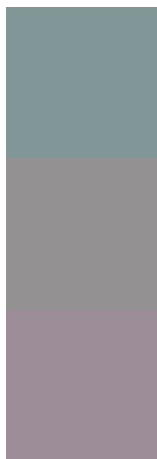


This preview shows how white text looks on a background with the XYZ color 25.4646, 28.6818,

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

25.4646, 28.6818, 33.0482

Protanopia

27.6046, 28.6533, 31.6795

Deuteranopia

29.0970, 28.4848, 33.6703



Tritanopia

26.2951, 28.5432, 37.3812

Trichromacy



Original Color

25.4646, 28.6818, 33.0482

Protanomaly

26.7635, 28.6683, 32.1399

Deuteranomaly

27.5918, 28.3839, 33.3026

Tritanomaly

25.9541, 28.6410, 35.6128

Monochromacy



Original Color

25.4646, 28.6818, 33.0482

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1147, 28.1221, 31.2458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4646, 28.6818, 33.0482 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(129, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(129, 150, 150)  
}
```

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(129, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.4646, 28.6818, 33.0482 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(129, 150, 150) }
```


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

```
.border{ border-color:rgb(129, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(129, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4646, 28.6818, 33.0482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 150, 150) }
```

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

```
.background{ background-color: rgb(129,  
150, 150) }
```

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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