

Converting Colors

XYZ(25.8325, 28.7054, 33.1181)

Have a look what the booklet for
XYZ(25.8325, 28.7054, 33.1181)
contains.

XYZ(25.7682, 28.6024, 33.0169)	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(25.7682, 28.6024,
33.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	849596
RGB	132, 149, 150
RGB Percent	52%, 58%, 59%
CMY	0.4823, 0.4157, 0.4118
CMYK	0.12, 0.01, 0.00, 0.41
HSL	183°, 8%, 55%
HSV	183°, 12%, 59%
XYZ	25.7682, 28.6024, 33.0169
YIQ	144.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

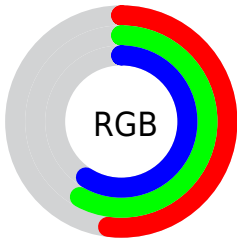
Format	Color
R_{YB}	132, 141, 150
Decimal	8689046
CIE _{Lab}	60.43, -5.83, -2.59
CIE _{LCh}	60, 6.378, 203.971
Yxy	28.6024, 0.2949, 0.3273
Android (android.graphics.Color)	4286879126 (0xFF849596)
YUV	144.0310, 2.9427, -10.5512
Hunter-Lab	53.4812, -7.5876, 0.8339

Details

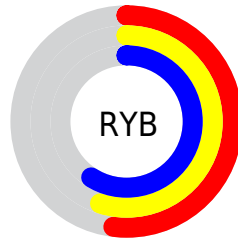
The XYZ color **25.7682, 28.6024, 33.0169** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1303, 24.9251, 25.3169**, and the grayscale version is **26.5139, 27.8947, 30.3773**.

A 20% lighter version of the original color is **52.2626, 57.3858, 65.4488**, and **10.0995, 11.4301, 13.4783** is the 20% darker color. If you saturate the color by 10%, you get **23.4582, 27.2177, 32.8718**, and if you desaturate by 10%, it is **28.4181, 30.1653, 33.1794**.

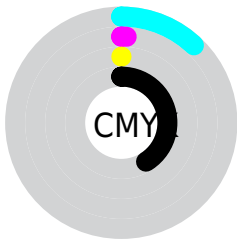
Distribution



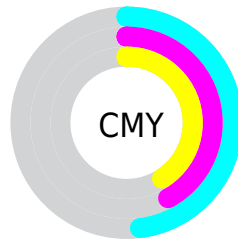
- Red (52%)
- Green (58%)
- Blue (59%)



- Red (52%)
- Yellow (55%)
- Blue (59%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (48%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7682, 28.6024, 33.0169 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 25.7682, 28.6024, 33.0169 by changing the saturation by 10% instead.

■ 25.7682, 28.6024,
33.0169

■ 25.7682, 28.6024,
33.0169

273.9199,
295.3343, 330.3602

■ 16.7821, 18.7803,
21.8682

■ 52.3347, 57.4448,
65.5182

■ 10.1736, 11.5116,
13.5627

■ 70.6459, 77.2338,
87.7079

■ 5.5773, 6.4121,
7.6819

■ 92.7960, 101.1139,
114.4150

■ 2.6280, 3.0972,
3.8072

119.1506,
129.4694, 146.0580

■ 0.9603, 1.1827,
1.5202

150.0749,
162.6849, 183.0555

■ 0.0000, 0.0475,
0.2329

185.9343,

■ 0.0000, 0.0000,

201.1446, 225.8260

0.0000

227.0942,
245.2329, 274.7881

■ 25.7682, 28.6024,
33.0169

■ 25.7682, 28.6024,
33.0169

■ 23.4582, 27.2177,
32.8718

■ 28.4181, 30.1653,
33.1794

■ 21.4714, 26.0002,
32.7415

■ 31.4188, 31.9097,
33.3579

■ 19.7931, 24.9431,
32.6260

■ 34.7840, 33.8433,
33.5538

■ 18.4067, 24.0379,
32.5243

■ 38.5257, 35.9725,
33.7675

■ 17.2942, 23.2753,
32.4357

■ 42.6556, 38.3032,
33.9997

■ 16.4352, 22.6447,
32.3593

■ 47.1845, 40.8410,
34.2509

■ 15.8068, 22.1344,
32.2939

■ 52.1232, 43.5915,
34.5215

■ 15.3818, 21.7303,
32.2383

■ 57.4819, 46.5599,
34.8120

■ 15.1312, 21.4541,
32.1982

■ 58.7157, 47.4033,
34.9098

Harmonies

Analogous

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



25.6454, 28.6024, 30.6706



25.7682, 28.6024, 33.0169



26.2675, 28.6024, 34.9456

Triad

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



25.7682, 28.6024, 33.0169



28.4829, 28.6024, 33.8796



27.3519, 28.6024, 26.8588

Complementary

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



25.7682, 28.6024, 33.0169



25.1303, 24.9251, 25.3169

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.



28.1251, 28.6024, 27.6271



25.7682, 28.6024, 33.0169



28.7865, 28.6024, 31.6205

Square

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



25.7682, 28.6024, 33.0169



27.8323, 28.6024, 35.4610



28.6543, 28.6024, 29.3417



26.5492, 28.6024, 27.1909

Rectangle

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



25.7682, 28.6024, 33.0169



26.7520, 28.6024, 35.6951



28.6543, 28.6024, 29.3417



27.6241, 28.6024, 26.9956

Sweetspot

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



25.7690, 28.6036, 33.0175



49.1284, 52.6350, 58.4915



24.6493, 28.4095, 26.3391



10.8128, 11.6208, 12.9580



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.



25.7690, 28.6036, 33.0175



44.4961, 49.8947, 58.2067



24.4140, 25.8935, 32.5659



5.9369, 6.5077, 7.4129



12.5570, 17.8088, 26.7067



0.1605, 0.2315, 0.3291

Inverse Universe

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



26.2544, 25.1571, 31.9071



45.5020, 42.7777, 55.8998



26.4012, 27.4668, 25.7405



6.0216, 5.9037, 7.2198



14.4653, 6.9912, 21.7290



0.1805, 0.0869, 0.2839

Previews

White Background



This preview shows how the XYZ color 25.7682, 28.6024, 33.0169 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 25.7682, 28.6024, 33.0169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

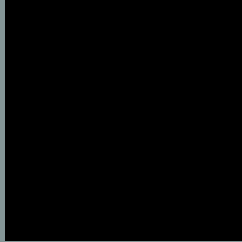
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7682, 28.6024, 33.0169

Background



This preview shows how black text looks on a background with the XYZ color 25.7682, 28.6024, 33.0169.



This preview shows how white text looks on a background with the XYZ color 25.7682, 28.6024,

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

25.7682, 28.6024, 33.0169

Protanopia

27.4245, 28.5604, 31.6711

Deuteranopia

29.0970, 28.4848, 33.6703



Tritanopia

26.6794, 28.7513, 36.9443

Trichromacy



Original Color

25.7682, 28.6024, 33.0169

Protanomaly

26.7795, 28.4467, 32.0963

Deuteranomaly

27.7719, 28.4768, 33.3110

Tritanomaly

26.2635, 28.5667, 35.5822

Monochromacy



Original Color

25.7682, 28.6024, 33.0169

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.2824, 28.2085, 31.2537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7682, 28.6024, 33.0169 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(132, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(132, 149, 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(132, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 149, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.7682, 28.6024, 33.0169 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(132, 149, 150) }
```


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

```
.border{ border-color:rgb(132, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(132, 149,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7682, 28.6024, 33.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 149, 150) }
```

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

```
.background{ background-color: rgb(132,  
149, 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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