

Converting Colors

XYZ(25.5822, 28.7501, 33.9392)

Have a look what the booklet for
XYZ(25.5822, 28.7501, 33.9392)
contains.

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Color

**XYZ(25.6271, 28.7468,
33.9038)**

Conversions

Conversions Part 1

Format	Color
Hex	819698
RGB	129, 150, 152
RGB Percent	51%, 59%, 60%
CMY	0.4941, 0.4118, 0.4039
CMYK	0.15, 0.01, 0.00, 0.40
HSL	185°, 10%, 55%
HSV	185°, 15%, 60%
XYZ	25.6271, 28.7468, 33.9038
YIQ	143.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

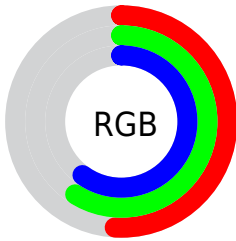
Format	Color
R_{YB}	129, 140, 152
Decimal	8492696
CIE _{Lab}	60.56, -6.97, -3.56
CIE _{LCh}	61, 7.831, 207.061
Yxy	28.7468, 0.2903, 0.3256
Android (android.graphics.Color)	4286682776 (0xFF819698)
YUV	143.9490, 3.9691, -13.1103
Hunter-Lab	53.6160, -8.5096, 0.0395

Details

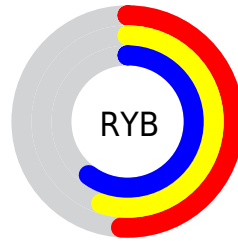
The XYZ color **25.6271, 28.7468, 33.9038** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0279, 24.4930, 24.1779**, and the grayscale version is **26.4777, 27.8566, 30.3358**.

A 20% lighter version of the original color is **52.0248, 57.5870, 66.7659**, and **10.0353, 11.5255, 14.0077** is the 20% darker color. If you saturate the color by 10%, you get **23.2785, 27.2258, 33.7345**, and if you desaturate by 10%, it is **28.3232, 30.4520, 34.0913**.

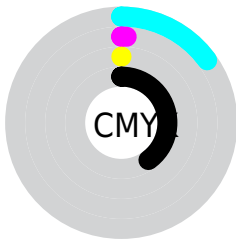
Distribution



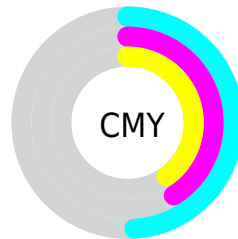
- Red (51%)
- Green (59%)
- Blue (60%)



- Red (51%)
- Yellow (55%)
- Blue (60%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6271, 28.7468, 33.9038 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 25.6271, 28.7468, 33.9038 by changing the saturation by 10% instead.

■ 25.6271, 28.7468,
33.9038

■ 25.6271, 28.7468,
33.9038

273.2371,
296.0184, 334.4589

■ 16.6761, 18.8894,
22.5429

■ 52.1084, 57.6746,
66.9162

■ 10.0977, 11.5904,
14.0543

■ 70.3693, 77.5137,
89.4049

■ 5.5265, 6.4654,
8.0192

■ 92.4643, 101.4488,
116.4399

■ 2.5973, 3.1301,
4.0193

118.7587,
129.8643, 148.4398

■ 0.9446, 1.2000,
1.6359

149.6178,
163.1447, 185.8231

■ 0.0000, 0.0617,
0.3163

185.4070,

■ 0.0000, 0.0000,

201.6742, 229.0083

0.0000

226.4916,
245.8373, 278.4141

■ 25.6271, 28.7468,
33.9038

■ 25.6271, 28.7468,
33.9038

■ 23.2785, 27.2258,
33.7345

■ 28.3232, 30.4520,
34.0913

■ 21.2599, 25.8776,
33.5806

■ 31.3785, 32.3452,
34.2957

■ 19.5557, 24.6950,
33.4422

■ 34.8073, 34.4345,
34.5182

■ 18.1484, 23.6690,
33.3183

■ 38.6222, 36.7263,
34.7595

■ 17.0186, 22.7895,
33.2081

■ 42.8353, 39.2271,
35.0202

■ 16.1446, 22.0453,
33.1105

■ 47.4582, 41.9426,
35.3007

■ 15.5014, 21.4236,
33.0244

■ 52.5020, 44.8788,
35.6016

■ 15.0567, 20.9077,
32.9483

■ 57.9774, 48.0410,
35.9234

■ 14.8708, 20.6735,
32.9129

■ 59.8080, 49.3279,
36.0753

Harmonies

Analogous

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



25.4260, 28.7468, 31.0156



25.6271, 28.7468, 33.9038



26.2789, 28.7468, 36.2124

Triad

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



25.6271, 28.7468, 33.9038



28.9882, 28.7468, 34.4282



27.4228, 28.7468, 26.0600

Complementary

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



25.6271, 28.7468, 33.9038



25.0279, 24.4930, 24.1779

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.



28.3944, 28.7468, 26.8540



25.6271, 28.7468, 33.9038



29.3120, 28.7468, 31.5869

Square

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



25.6271, 28.7468, 33.9038



28.2175, 28.7468, 36.5280



29.0921, 28.7468, 28.8338



26.4476, 28.7468, 26.5969

Rectangle

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



25.6271, 28.7468, 33.9038



26.8897, 28.7468, 37.0497



29.0921, 28.7468, 28.8338



27.7608, 28.7468, 26.1789

Sweetspot

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



25.6279, 28.7480, 33.9044



50.0097, 53.7608, 60.1747



24.3731, 28.7606, 25.7104



11.2923, 12.1727, 13.6719



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.6279, 28.7480, 33.9044



43.8349, 49.8430, 59.7440



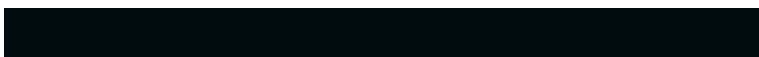
23.8937, 25.2795, 33.3264



6.3387, 6.9348, 7.9334



12.4799, 17.3566, 27.6001



0.1982, 0.2828, 0.4165

Inverse Universe

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



26.3048, 24.5785, 32.2132



45.2591, 41.1377, 56.1708



26.6470, 27.7311, 24.7176



6.4381, 6.3144, 7.6870



14.7581, 7.1575, 21.0488



0.2265, 0.1094, 0.3456

Previews

White Background



This preview shows how the XYZ color 25.6271, 28.7468, 33.9038 looks on a white background.

Color Contrast Check

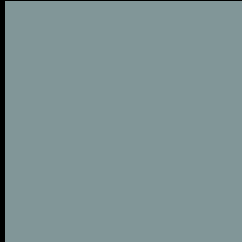
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6271, 28.7468, 33.9038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

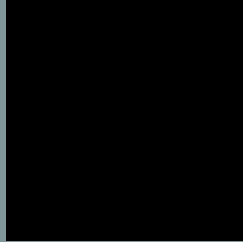
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6271, 28.7468, 33.9038

Background



This preview shows how black text looks on a background with the XYZ color 25.6271, 28.7468, 33.9038.



This preview shows how white text looks on a background with the XYZ color 25.6271, 28.7468,

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

25.6271, 28.7468, 33.9038

Protanopia

27.5828, 28.6238, 32.5049

Deuteranopia

29.0679, 28.4508, 34.5314



Tritanopia

26.5405, 28.8934, 37.8964

Trichromacy



Original Color

25.6271, 28.7468, 33.9038

Protanomaly

26.7540, 28.6449, 32.9731

Deuteranomaly

27.5771, 28.3574, 34.1571

Tritanomaly

26.1249, 28.7093, 36.5123

Monochromacy



Original Color

25.6271, 28.7468, 33.9038

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1928, 28.1533, 31.6574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6271, 28.7468, 33.9038 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(129, 150, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 150, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.6271, 28.7468, 33.9038 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, 152) }
```


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

```
.border{ border-color:rgb(129, 150, 152) }
```

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, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(129, 150,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6271, 28.7468, 33.9038 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, 152) }
```

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

```
.background{ background-color: rgb(129,  
150, 152) }
```

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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