

Converting Colors

XYZ(25.1638, 26.7597, 36.0773)

Have a look what the booklet for
XYZ(25.1638, 26.7597, 36.0773)
contains.

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Color

**XYZ(25.1999, 26.8594,
36.2039)**

Conversions

Conversions Part 1

Format	Color
Hex	828F9E
RGB	130, 143, 158
RGB Percent	51%, 56%, 62%
CMY	0.4902, 0.4392, 0.3804
CMYK	0.18, 0.09, 0.00, 0.38
HSL	212°, 13%, 56%
HSV	212°, 18%, 62%
XYZ	25.1999, 26.8594, 36.2039
YIQ	140.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

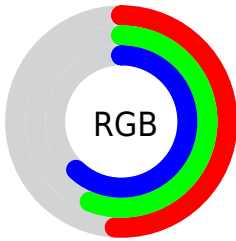
Format	Color
R_{YB}	130, 139, 158
Decimal	8556446
CIE _{Lab}	58.84, -1.39, -9.52
CIE _{LCh}	59, 9.617, 261.675
Yxy	26.8594, 0.2855, 0.3043
Android (android.graphics.Color)	4286746526 (0xFF828F9E)
YUV	140.8230, 8.4683, -9.4918
Hunter-Lab	51.8261, -3.9018, -5.1397

Details

The XYZ color **25.1999, 26.8594, 36.2039** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2553, 29.1313, 25.2532**, and the grayscale version is **25.2202, 26.5336, 28.8951**.

A 20% lighter version of the original color is **51.5049, 54.8039, 70.8144**, and **9.8765, 10.5957, 15.4345** is the 20% darker color. If you saturate the color by 10%, you get **21.7372, 23.2595, 35.6920**, and if you desaturate by 10%, it is **29.1322, 30.8451, 36.7664**.

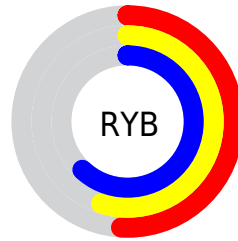
Distribution



Red (51%)

Green (56%)

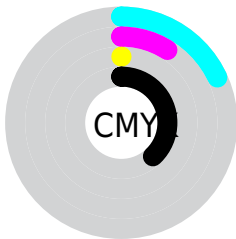
Blue (62%)



Red (51%)

Yellow (55%)

Blue (62%)

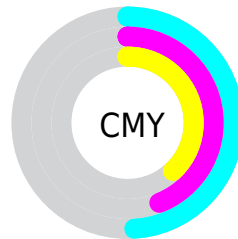


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (49%)

Magenta (44%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1999, 26.8594, 36.2039 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 25.1999, 26.8594, 36.2039 by changing the saturation by 10% instead.

■ 25.1999, 26.8594,
36.2039

■ 25.1999, 26.8594,
36.2039

271.1613,
286.9757, 344.9152

■ 16.3556, 17.4677,
24.3008

■ 51.4219, 54.6582,
70.5192

■ 9.8686, 10.5685,
15.3426

■ 69.5303, 73.8340,
93.7686

■ 5.3735, 5.7775,
8.9109

■ 91.4574, 97.0399,
121.6370

■ 2.5050, 2.7102,
4.5871

117.5686,
124.6604, 154.5431

■ 0.8978, 0.9824,
1.9526

148.2292,
157.0799, 192.9055

■ 0.0000, 0.0000,
0.5259

183.8046,

■ 0.0000, 0.0000,

194.6826, 237.1426

0.0000

224.6602,
237.8531, 287.6730

■ 25.1999, 26.8594,
36.2039

■ 25.1999, 26.8594,
36.2039

■ 21.7372, 23.2595,
35.6920

■ 29.1322, 30.8451,
36.7664

■ 18.7228, 20.0292,
35.2273

■ 33.5496, 35.2255,
37.3791

■ 16.1369, 17.1558,
34.8090

■ 38.4699, 40.0134,
38.0439

■ 13.9575, 14.6245,
34.4353

■ 43.9090, 45.2198,
38.7622

■ 12.1604, 12.4194,
34.1044

■ 49.8823, 50.8555,
39.5352

■ 10.7183, 10.5229,
33.8143

■ 56.4044, 56.9308,
40.3640

■ 9.6000, 8.9149,
33.5629

■ 63.4894, 63.4554,
41.2500

■ 8.7531, 7.5647,
33.3469

■ 70.6333, 70.1720,
42.1699

■ 8.5786, 7.2826,
33.3017

■ 72.7877, 74.4808,
42.8880

Harmonies

Analogous

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



24.1392, 26.8594, 34.6807



25.1999, 26.8594, 36.2039



26.3816, 26.8594, 35.7522

Triad

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



25.1999, 26.8594, 36.2039



27.7101, 26.8594, 26.8962



23.7795, 26.8594, 25.3750

Complementary

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



25.1999, 26.8594, 36.2039



28.2553, 29.1313, 25.2532

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.



24.6951, 26.8594, 23.5801



25.1999, 26.8594, 36.2039



26.9712, 26.8594, 24.4098

Square

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



25.1999, 26.8594, 36.2039



27.8554, 26.8594, 30.2023



25.8611, 26.8594, 23.2409



23.3360, 26.8594, 28.3087

Rectangle

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



25.1999, 26.8594, 36.2039



27.0774, 26.8594, 34.4062



25.8611, 26.8594, 23.2409



24.0409, 26.8594, 24.6282

Sweetspot

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



25.2007, 26.8605, 36.2045



54.9213, 58.0304, 67.0498



26.5389, 31.2422, 31.3931



12.2658, 12.9671, 15.1001



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.2007, 26.8605, 36.2045



43.3464, 46.2857, 65.3929



23.5044, 23.2543, 35.5978



6.5259, 6.9175, 8.3979



6.9093, 5.9101, 26.6838



0.1655, 0.1896, 0.4911

Inverse Universe

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



27.0417, 25.2181, 29.4303



47.3150, 42.8892, 50.7574



30.1742, 33.2406, 25.9453



6.7548, 6.6948, 7.5598



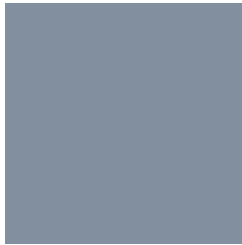
12.2857, 6.2188, 5.7554



0.2408, 0.1197, 0.2144

Previews

White Background



This preview shows how the XYZ color 25.1999, 26.8594, 36.2039 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 25.1999, 26.8594, 36.2039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

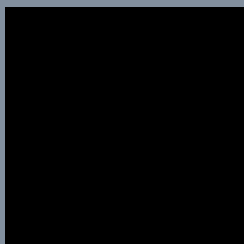
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

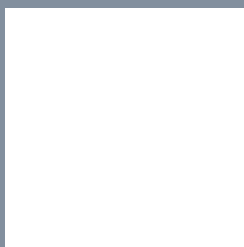
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1999, 26.8594, 36.2039

Background



This preview shows how black text looks on a background with the XYZ color 25.1999, 26.8594, 36.2039.



This preview shows how white text looks on a background with the XYZ color 25.1999, 26.8594,

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

25.1999, 26.8594, 36.2039

Protanopia

26.0263, 26.6454, 35.2238

Deuteranopia

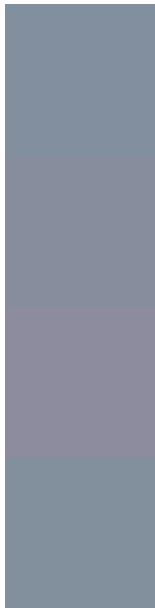
27.3791, 26.8832, 36.5468



Tritanopia

24.9429, 26.9802, 34.9034

Trichromacy



Original Color

25.1999, 26.8594, 36.2039

Protanomaly

25.7640, 26.7183, 35.6975

Deuteranomaly

26.6206, 26.9221, 36.5943

Tritanomaly

25.0273, 27.0139, 35.3476

Monochromacy



Original Color

25.1999, 26.8594, 36.2039

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2560, 26.7710, 31.4399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1999, 26.8594, 36.2039 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(130, 143, 158)` looks like.

```
.text, #text, p{  
    color:rgb(130, 143, 158)  
}
```

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(130, 143, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 143, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.1999, 26.8594, 36.2039 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(130, 143, 158) }
```


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

```
.border{ border-color:rgb(130, 143, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 143, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 143, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 143, 158);  
box-shadow:4px 4px 4px 4px rgb(130, 143,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1999, 26.8594, 36.2039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 143, 158) }
```

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

```
.background{ background-color: rgb(130,  
143, 158) }
```

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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