

Converting Colors

XYZ(28.0991, 25.6546, 33.8908)

Have a look what the booklet for
XYZ(28.0991, 25.6546, 33.8908)
contains.

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Color

**XYZ(28.1134, 25.6693,
34.0448)**

Conversions

Conversions Part 1

Format	Color
Hex	9F829A
RGB	159, 130, 154
RGB Percent	62%, 51%, 60%
CMY	0.3765, 0.4902, 0.3961
CMYK	0.00, 0.18, 0.03, 0.38
HSL	310°, 13%, 57%
HSV	310°, 18%, 62%
XYZ	28.1134, 25.6693, 34.0448
YIQ	141.4070, 9.5800, 13.6120

Conversions

Conversions Part 2

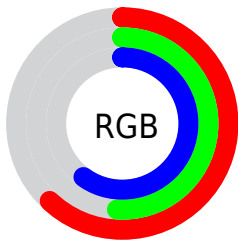
Format	Color
R_{YB}	159, 130, 154
Decimal	10453658
CIE _{Lab}	57.72, 15.37, -8.64
CIE _{LCh}	58, 17.636, 330.667
Yxy	25.6693, 0.3201, 0.2923
Android (android.graphics.Color)	4288643738 (0xFF9F829A)
YUV	141.4070, 6.2083, 15.4291
Hunter-Lab	50.6649, 10.3842, -4.3751

Details

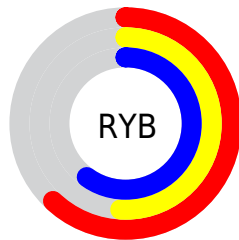
The XYZ color **28.1134, 25.6693, 34.0448** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9782, 31.2920, 27.5938**, and the grayscale version is **25.4516, 26.7771, 29.1602**.

A 20% lighter version of the original color is **56.0502, 52.7172, 66.8958**, and **11.4540, 9.9899, 14.1565** is the 20% darker color. If you saturate the color by 10%, you get **25.9342, 21.6719, 32.2049**, and if you desaturate by 10%, it is **30.6261, 30.3247, 36.0222**.

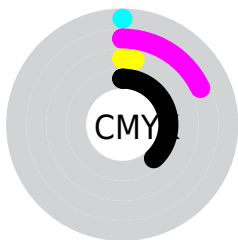
Distribution



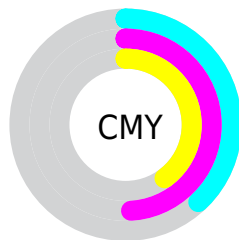
- Red (62%)
- Green (51%)
- Blue (60%)



- Red (62%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1134, 25.6693, 34.0448 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 28.1134, 25.6693, 34.0448 by changing the saturation by 10% instead.

■ 28.1134, 25.6693,
34.0448

■ 28.1134, 25.6693,
34.0448

285.0786,
281.1549, 335.1070

■ 18.5521, 16.5764,
22.6504

■ 56.0728, 52.7410,
67.1380

■ 11.4491, 9.9329,
14.1327

■ 75.2016, 71.4885,
89.6739

■ 6.4393, 5.3545,
8.0732

■ 98.2502, 94.2231,
116.7607

■ 3.1572, 2.4567,
4.0534

125.5841,
121.3291, 148.8169

■ 1.2374, 0.8549,
1.6547

157.5685,
153.1908, 186.2611

■ 0.1356, 0.0000,
0.3294

194.5688,

■ 0.0000, 0.0000,

190.1928, 229.5118

0.0000

236.9504,
232.7194, 278.9876

■ 28.1134, 25.6693,
34.0448

■ 28.1134, 25.6693,
34.0448

■ 25.9342, 21.6719,
32.2049

■ 30.6261, 30.3247,
36.0222

■ 24.0714, 18.2991,
30.4957

■ 33.4841, 35.6627,
38.1403

■ 22.5094, 15.5199,
28.9122

■ 36.7014, 41.7108,
40.4042

■ 21.2306, 13.2990,
27.4484

■ 40.2905, 48.4940,
42.8184

■ 20.2157, 11.5976,
26.0975

■ 44.2633, 56.0361,
45.3867

■ 19.4427, 10.3719,
24.8521

■ 48.6312, 64.3596,
48.1134

■ 18.8859, 9.5707,
23.7035

■ 53.4051, 73.4865,
51.0021

■ 18.4982, 9.0997,
22.6358

■ 57.8881, 82.0229,
53.8207

■ 18.4347, 9.0256,
22.4517

■ 58.1620, 82.1325,
55.2633

Harmonies

Analogous

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



26.5291, 25.6693, 39.1980



28.1134, 25.6693, 34.0448



28.6894, 25.6693, 27.8142

Triad

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



28.1134, 25.6693, 34.0448



24.3506, 25.6693, 17.8558



21.0680, 25.6693, 34.3132

Complementary

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



28.1134, 25.6693, 34.0448



25.9782, 31.2920, 27.5938

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.



20.5572, 25.6693, 28.0853



28.1134, 25.6693, 34.0448



22.3841, 25.6693, 19.0895

Square

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



28.1134, 25.6693, 34.0448



26.4425, 25.6693, 18.9846



21.0251, 25.6693, 22.6289



22.4615, 25.6693, 39.3681

Rectangle

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



28.1134, 25.6693, 34.0448



28.3995, 25.6693, 24.0412



21.0251, 25.6693, 22.6289



20.7911, 25.6693, 32.2600

Sweetspot

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



28.1142, 25.6704, 34.0453



56.3883, 57.1776, 65.6761



24.2066, 23.6069, 36.0819



12.6384, 12.7521, 14.7509



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.



28.1142, 25.6704, 34.0453



48.6462, 42.8388, 59.5642



26.9906, 25.2210, 28.1289



6.8550, 6.7349, 8.0877



14.5737, 7.1340, 17.8039



0.2724, 0.1323, 0.3806

Inverse Universe

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



28.1142, 25.6704, 34.0453



48.6462, 42.8388, 59.5642



27.0564, 31.7233, 33.2714



6.8550, 6.7349, 8.0877



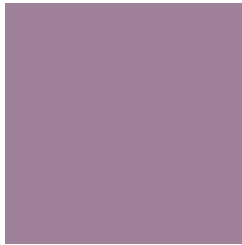
14.5737, 7.1340, 17.8039



0.2724, 0.1323, 0.3806

Previews

White Background



This preview shows how the XYZ color 28.1134, 25.6693, 34.0448 looks on a white background.

Color Contrast Check

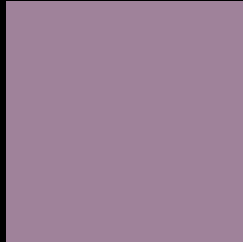
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1134, 25.6693, 34.0448 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 28.1134, 25.6693, 34.0448

Background



This preview shows how black text looks on a background with the XYZ color 28.1134, 25.6693, 34.0448.



This preview shows how white text looks on a background with the XYZ color 28.1134, 25.6693,

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

28.1134, 25.6693, 34.0448

Protanopia

25.3382, 25.8311, 36.4513

Deuteranopia

26.2678, 25.7388, 33.7206



Tritanopia

27.0384, 25.6236, 29.1120

Trichromacy



Original Color

28.1134, 25.6693, 34.0448

Protanomaly

26.2514, 25.6916, 35.4737

Deuteranomaly

26.8998, 25.6543, 33.6710

Tritanomaly

27.4052, 25.5770, 30.6866

Monochromacy



Original Color

28.1134, 25.6693, 34.0448

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.3467, 26.2625, 30.8747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1134, 25.6693, 34.0448 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(159, 130, 154)` looks like.

```
.text, #text, p{  
    color:rgb(159, 130, 154)  
}
```

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(159, 130, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 130, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.1134, 25.6693, 34.0448 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(159, 130, 154) }
```


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

```
.border{ border-color:rgb(159, 130, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 130, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 130, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 130, 154);  
box-shadow:4px 4px 4px 4px rgb(159, 130,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1134, 25.6693, 34.0448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 130, 154) }
```

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

```
.background{ background-color: rgb(159,  
130, 154) }
```

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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