

Converting Colors

XYZ(27.2793, 25.2106, 34.8450)

Have a look what the booklet for
XYZ(27.2793, 25.2106, 34.8450)
contains.

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Color

**XYZ(27.3098, 25.2356,
34.8841)**

Conversions

Conversions Part 1

Format	Color
Hex	9A829C
RGB	154, 130, 156
RGB Percent	60%, 51%, 61%
CMY	0.3961, 0.4902, 0.3882
CMYK	0.01, 0.17, 0.00, 0.39
HSL	295°, 12%, 56%
HSV	295°, 17%, 61%
XYZ	27.3098, 25.2356, 34.8841
YIQ	140.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

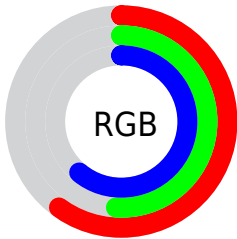
Format	Color
R_{YB}	154, 130, 156
Decimal	10125980
CIE _{Lab}	57.30, 13.97, -10.47
CIE _{LCh}	57, 17.455, 323.160
Yxy	25.2356, 0.3124, 0.2886
Android (android.graphics.Color)	4288316060 (0xFF9A829C)
YUV	140.1400, 7.8190, 12.1552
Hunter-Lab	50.2350, 9.1285, -6.0075

Details

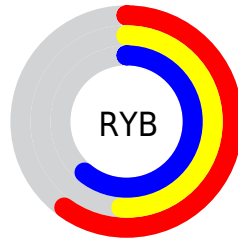
The XYZ color $27.3098, 25.2356, 34.8841$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $25.4344, 30.2949, 25.6273$, and the grayscale version is $24.9512, 26.2506, 28.5869$.

A 20% lighter version of the original color is $54.9859, 52.1254, 68.7912$, and $11.0858, 9.7883, 14.6697$ is the 20% darker color. If you saturate the color by 10%, you get $25.1631, 21.2792, 34.2339$, and if you desaturate by 10%, it is $29.7749, 29.8246, 35.6403$.

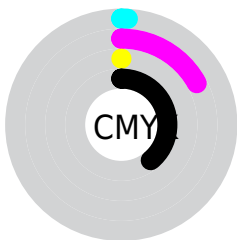
Distribution



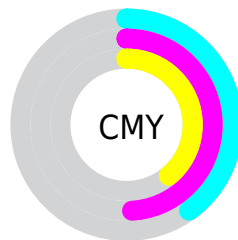
- Red (60%)
- Green (51%)
- Blue (61%)



- Red (60%)
- Yellow (51%)
- Blue (61%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3098, 25.2356, 34.8841 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 27.3098, 25.2356, 34.8841 by changing the saturation by 10% instead.

■ 27.3098, 25.2356,
34.8841

■ 27.3098, 25.2356,
34.8841

281.2943,
279.0092, 338.9452

■ 17.9438, 16.2527,
23.2908

■ 54.7970, 52.0392,
68.4557

■ 11.0091, 9.7031,
14.6010

■ 73.6489, 70.6286,
91.2711

■ 6.1403, 5.2026,
8.3964

■ 96.3935, 93.1890,
118.6642

■ 2.9720, 2.3666,
4.2582

123.3961,
120.1048, 151.0536

■ 1.1390, 0.8086,
1.7680

155.0222,
151.7603, 188.8579

■ 0.0574, 0.0000,
0.4068

191.6370,

■ 0.0000, 0.0000,

188.5399, 232.4956

0.0000

233.6059,
230.8281, 282.3851

■ 27.3098, 25.2356,
34.8841

■ 27.3098, 25.2356,
34.8841

■ 25.1631, 21.2792,
34.2339

■ 29.7749, 29.8246,
35.6403

■ 23.3184, 17.9238,
33.6835

■ 32.5694, 35.0694,
36.5054

■ 21.7612, 15.1401,
33.2283

■ 35.7065, 40.9960,
37.4840

■ 20.4751, 12.8952,
32.8628

■ 39.1980, 47.6279,
38.5801

■ 19.4418, 11.1525,
32.5809

■ 43.0552, 54.9878,
39.7974

■ 18.6408, 9.8712,
32.3758

■ 47.2889, 63.0972,
41.1395

■ 18.0485, 9.0039,
32.2396

■ 51.9092, 71.9766,
42.6099

■ 17.6289, 8.4787,
32.1603

■ 56.9263, 81.6458,
44.2118

■ 17.5024, 8.3296,
32.1382

■ 57.2367, 81.8984,
44.2442

Harmonies

Analogous

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



25.5833, 25.2356, 39.3297



27.3098, 25.2356, 34.8841



28.1530, 25.2356, 28.8555

Triad

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



27.3098, 25.2356, 34.8841



24.4622, 25.2356, 17.6529



20.5134, 25.2356, 32.2025

Complementary

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



27.3098, 25.2356, 34.8841



25.4344, 30.2949, 25.6273

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.



20.2513, 25.2356, 26.1436



27.3098, 25.2356, 34.8841



22.4560, 25.2356, 18.2830

Square

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



27.3098, 25.2356, 34.8841



26.4489, 25.2356, 19.3360



20.9429, 25.2356, 21.2009



21.6803, 25.2356, 37.6327

Rectangle

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



27.3098, 25.2356, 34.8841



28.0684, 25.2356, 24.9659



20.9429, 25.2356, 21.2009



20.3194, 25.2356, 30.1516

Sweetspot

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



27.3106, 25.2367, 34.8846



54.8337, 55.5810, 64.9649



23.4817, 23.6952, 34.7889



11.9965, 12.1005, 14.2737



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.3106, 25.2367, 34.8846



48.0819, 43.0234, 62.8969



26.8175, 25.0838, 30.2846



6.8538, 6.7286, 8.3442



14.4295, 6.8677, 26.4723



0.2714, 0.1297, 0.4740

Inverse Universe

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



25.8587, 24.7003, 25.2358



44.9486, 41.8685, 41.9519



25.8906, 30.4416, 29.6465



6.6527, 6.6540, 7.0225



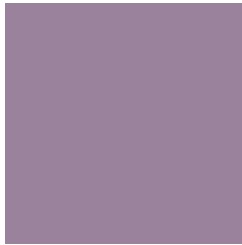
11.3534, 5.8459, 0.8462



0.2084, 0.1067, 0.0434

Previews

White Background



This preview shows how the XYZ color 27.3098, 25.2356, 34.8841 looks on a white background.

Color Contrast Check

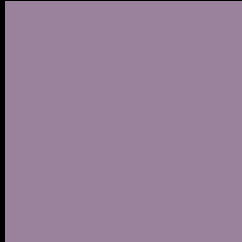
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3098, 25.2356, 34.8841 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 27.3098, 25.2356, 34.8841

Background



This preview shows how black text looks on a background with the XYZ color 27.3098, 25.2356, 34.8841.



This preview shows how white text looks on a background with the XYZ color 27.3098, 25.2356,

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

27.3098, 25.2356, 34.8841

Protanopia

24.9637, 25.4159, 36.8477

Deuteranopia

25.7692, 25.2564, 34.5271



Tritanopia

26.1581, 25.1611, 29.4645

Trichromacy



Original Color

27.3098, 25.2356, 34.8841

Protanomaly

25.7676, 25.2161, 36.3100

Deuteranomaly

26.3365, 25.3447, 34.5143

Tritanomaly

26.5985, 25.1430, 31.4682

Monochromacy



Original Color

27.3098, 25.2356, 34.8841

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6695, 25.7034, 30.8024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3098, 25.2356, 34.8841 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(154, 130, 156)` looks like.

```
.text, #text, p{  
    color:rgb(154, 130, 156)  
}
```

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(154, 130, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 130, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.3098, 25.2356, 34.8841 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(154, 130, 156) }
```


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

```
.border{ border-color:rgb(154, 130, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 130, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 130, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 130, 156);  
box-shadow:4px 4px 4px 4px rgb(154, 130,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3098, 25.2356, 34.8841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 130, 156) }
```

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

```
.background{ background-color: rgb(154,  
130, 156) }
```

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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