

Converting Colors

XYZ(27.7695, 25.1965, 25.2713)

Have a look what the booklet for
XYZ(27.7695, 25.1965, 25.2713)
contains.

XYZ(27.8204, 25.3198, 25.2507)	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(27.8204, 25.3198,
25.2507)**

Conversions

Conversions Part 1

Format	Color
Hex	A78084
RGB	167, 128, 132
RGB Percent	65%, 50%, 52%
CMY	0.3451, 0.4980, 0.4823
CMYK	0.00, 0.23, 0.21, 0.35
HSL	354°, 18%, 58%
HSV	354°, 23%, 65%
XYZ	27.8204, 25.3198, 25.2507
YIQ	140.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

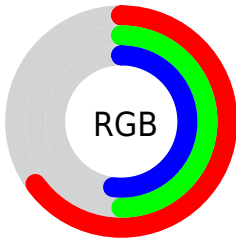
Format	Color
R_{YB}	167, 128, 132
Decimal	10977412
CIE _{Lab}	57.39, 15.66, 3.65
CIE _{LCh}	57, 16.082, 13.121
Yxy	25.3198, 0.3549, 0.3230
Android (android.graphics.Color)	4289167492 (0xFFA78084)
YUV	140.1170, -4.0017, 23.5764
Hunter-Lab	50.3188, 10.6317, 5.4706

Details

The XYZ color **27.8204, 25.3198, 25.2507** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.3327, 34.8716, 39.8370**, and the grayscale version is **24.9824, 26.2834, 28.6227**.

A 20% lighter version of the original color is **55.7123, 52.2385, 53.0456**, and **11.2967, 9.7939, 9.4786** is the 20% darker color. If you saturate the color by 10%, you get **24.8658, 20.9356, 19.5638**, and if you desaturate by 10%, it is **31.2824, 30.4823, 31.8343**.

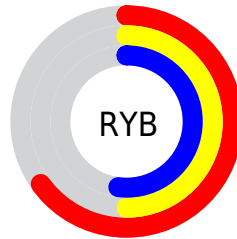
Distribution



Red (65%)

Green (50%)

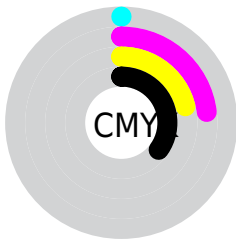
Blue (52%)



Red (65%)

Yellow (50%)

Blue (52%)

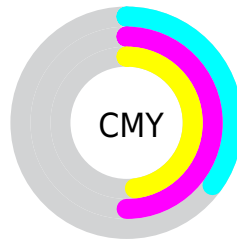


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (35%)



Cyan (35%)


Magenta (50%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8204, 25.3198, 25.2507 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 27.8204, 25.3198, 25.2507 by changing the saturation by 10% instead.

 27.8204, 25.3198,
25.2507


 27.8204, 25.3198,
25.2507


283.7034,
279.4268, 292.5717


 18.3301, 16.3155,
16.0432


 55.6082, 52.1756,
53.0328

 11.2883, 9.7477,
9.4001

 74.6364, 70.7958,
72.4445

 6.3298, 5.2320,
4.9027


 97.5747, 93.3901,
96.0947

 3.0892, 2.3840,
2.1325

124.7883,
120.3429, 124.4019

 1.2011, 0.8176,
0.6350

156.6426,
152.0386, 157.7846

 0.1073, 0.0000,
0.0000

193.5030,

 0.0000, 0.0000,

188.8615, 196.6615

0.0000

235.7348,
231.1962, 241.4510

■ 27.8204, 25.3198,
25.2507

■ 27.8204, 25.3198,
25.2507

■ 24.8658, 20.9356,
19.5638

■ 31.2824, 30.4823,
31.8343

■ 22.3926, 17.2886,
14.7334

■ 35.2717, 36.4547,
39.3496

■ 20.3758, 14.3394,
10.7183

■ 39.8101, 43.2709,
47.8313


■ 18.7873, 12.0433,
7.4733


■ 44.9172, 50.9619,
57.3122


■ 17.5960, 10.3507,
4.9490


■ 50.6118, 59.5574,
67.8234

 16.7662, 9.2045,
3.0900


 56.9118, 69.0852,
79.3946

 16.2561, 8.5368,
1.8328

 63.8344, 79.5724,
92.0543

 16.0385, 8.2564,
1.2834

 69.2527, 86.7580,
105.1157

 69.7465, 86.9555,
107.7158

Harmonies

Analogous

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



27.7518, 25.3198, 30.7352



27.8204, 25.3198, 25.2507



26.8456, 25.3198, 20.9895

Triad

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



27.8204, 25.3198, 25.2507



21.6429, 25.3198, 20.5858



23.0156, 25.3198, 38.9016

Complementary

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



27.8204, 25.3198, 25.2507



29.3327, 34.8716, 39.8370

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.



21.4847, 25.3198, 35.3970



27.8204, 25.3198, 25.2507



20.7213, 25.3198, 24.6280

Square

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



27.8204, 25.3198, 25.2507



23.2420, 25.3198, 18.5461



20.6650, 25.3198, 30.0249



24.9086, 25.3198, 39.1264

Rectangle

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



27.8204, 25.3198, 25.2507



25.7636, 25.3198, 19.2152



20.6650, 25.3198, 30.0249



22.4441, 25.3198, 38.0488

Sweetspot

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



27.8211, 25.3210, 25.2512



60.3578, 61.0746, 65.1901



29.6869, 25.9582, 40.0052



13.4160, 13.5312, 14.4171



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.8211, 25.3210, 25.2512



46.9861, 41.1291, 39.7753



29.6484, 29.4049, 24.5366



7.5612, 7.5543, 8.0065



12.2820, 6.3215, 1.0307



0.3082, 0.1575, 0.0742

Inverse Universe

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



27.8211, 25.3210, 25.2512



46.9861, 41.1291, 39.7753



27.1145, 29.8529, 40.8926



7.5612, 7.5543, 8.0065



12.2820, 6.3215, 1.0307



0.3082, 0.1575, 0.0742

Previews

White Background



This preview shows how the XYZ color 27.8204, 25.3198, 25.2507 looks on a white background.

Color Contrast Check

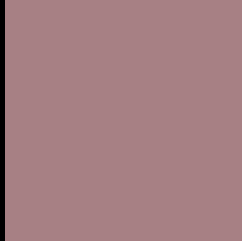
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8204, 25.3198, 25.2507 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 27.8204, 25.3198, 25.2507

Background



This preview shows how black text looks on a background with the XYZ color 27.8204, 25.3198, 25.2507.



This preview shows how white text looks on a background with the XYZ color 27.8204, 25.3198,

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

27.8204, 25.3198, 25.2507

Protanopia

24.4455, 25.3602, 27.2735

Deuteranopia

25.8107, 25.2838, 24.9926



Tritanopia

28.2532, 25.3097, 27.0631

Trichromacy



Original Color

27.8204, 25.3198, 25.2507

Protanomaly

25.4759, 25.2835, 26.4591

Deuteranomaly

26.5111, 25.2422, 24.9477

Tritanomaly

28.1110, 25.2528, 26.3143

Monochromacy



Original Color

27.8204, 25.3198, 25.2507

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8972, 25.8985, 27.3009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8204, 25.3198, 25.2507 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(167, 128, 132)` looks like.

```
.text, #text, p{  
    color:rgb(167, 128, 132)  
}
```

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(167, 128, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 128, 132) }
```

Border

The CSS property to change the border of an element to XYZ 27.8204, 25.3198, 25.2507 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(167, 128, 132) }
```


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

```
.border{ border-color:rgb(167, 128, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 128, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 128, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 128, 132);  
box-shadow:4px 4px 4px 4px rgb(167, 128,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8204, 25.3198, 25.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 128, 132) }
```

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

```
.background{ background-color: rgb(167,  
128, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor