

Converting Colors

XYZ(27.1645, 25.9613, 25.5709)

Have a look what the booklet for
XYZ(27.1645, 25.9613, 25.5709)
contains.

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Color

**XYZ(27.0496, 25.9146,
25.4061)**

Conversions

Conversions Part 1

Format	Color
Hex	A08584
RGB	160, 133, 132
RGB Percent	63%, 52%, 52%
CMY	0.3725, 0.4784, 0.4823
CMYK	0.00, 0.17, 0.17, 0.37
HSL	2°, 13%, 57%
HSV	2°, 17%, 63%
XYZ	27.0496, 25.9146, 25.4061
YIQ	140.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

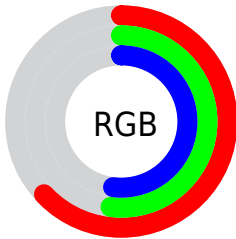
Format	Color
R_{YB}	160, 133, 132
Decimal	10519940
CIE _{Lab}	57.96, 10.11, 4.38
CIE _{LCh}	58, 11.019, 23.436
Yxy	25.9146, 0.3452, 0.3307
Android (android.graphics.Color)	4288710020 (0xFFA08584)
YUV	140.9590, -4.4168, 16.6990
Hunter-Lab	50.9064, 5.7615, 6.0443

Details

The XYZ color **27.0496, 25.9146, 25.4061** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2588, 32.2391, 37.9913**, and the grayscale version is **25.3142, 26.6325, 29.0028**.

A 20% lighter version of the original color is **54.3402, 53.0677, 53.2780**, and **10.8389, 9.9992, 9.5424** is the 20% darker color. If you saturate the color by 10%, you get **24.0785, 21.5921, 19.4219**, and if you desaturate by 10%, it is **30.5003, 30.9270, 32.3793**.

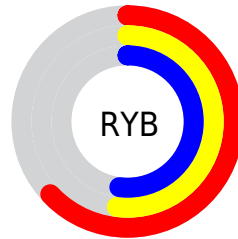
Distribution



Red (63%)

Green (52%)

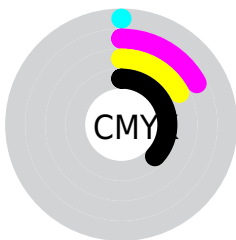
Blue (52%)



Red (63%)

Yellow (52%)

Blue (52%)

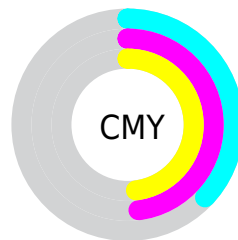


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (37%)



Cyan (37%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0496, 25.9146, 25.4061 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 27.0496, 25.9146, 25.4061 by changing the saturation by 10% instead.


 27.0496, 25.9146,
25.4061


 27.0496, 25.9146,
25.4061


280.0604,
282.3626, 293.3665


 17.7473, 16.7598,
16.1581


 54.3828, 53.1371,
53.2875

 10.8673, 10.0634,
9.4805


 73.1443, 71.9736,
72.7581

 6.0443, 5.4410,
4.9549


 95.7896, 94.8061,
96.4732

 2.9129, 2.5083,
2.1625

122.6841,
122.0191, 124.8514

 1.1079, 0.8808,
0.6526

154.1930,
153.9968, 158.3113

 0.0317, 0.0000,
0.0000

190.6818,

 0.0000, 0.0000,

191.1237, 197.2715

0.0000

232.5158,
233.7841, 242.1503

■ 27.0496, 25.9146,
25.4061

■ 27.0496, 25.9146,
25.4061

■ 24.0785, 21.5921,
19.4219

■ 30.5003, 30.9270,
32.3793

■ 21.5638, 17.9261,
14.3803

■ 34.4482, 36.6540,
40.3817

■ 19.4834, 14.8855,
10.2339

■ 38.9128, 43.1233,
49.4533

■ 17.8129, 12.4353,
6.9304

■ 43.9117, 50.3602,
59.6313

■ 16.5250, 10.5373,
4.4118

■ 49.4618, 58.3886,
70.9513

■ 15.5896, 9.1487,
2.6133

■ 55.5793, 67.2315,
83.4473

■ 14.9716, 8.2201,
1.4594

■ 62.2795, 76.9110,
97.1518

■ 14.6233, 7.6906,
0.8286

■ 68.3073, 86.2136,
107.6485

■ 14.5595, 7.5981,
0.6992

Harmonies

Analogous

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



27.2566, 25.9146, 29.0610



27.0496, 25.9146, 25.4061



26.1841, 25.9146, 22.7397

Triad

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



27.0496, 25.9146, 25.4061



22.6360, 25.9146, 24.0795



24.3402, 25.9146, 36.1253

Complementary

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



27.0496, 25.9146, 25.4061



28.2588, 32.2391, 37.9913

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.



23.1406, 25.9146, 34.5091



27.0496, 25.9146, 25.4061



22.1798, 25.9146, 27.3887

Square

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



27.0496, 25.9146, 25.4061



23.6291, 25.9146, 22.0232



22.3611, 25.9146, 31.2271



25.6609, 25.9146, 35.4742

Rectangle

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



27.0496, 25.9146, 25.4061



25.3664, 25.9146, 21.7699



22.3611, 25.9146, 31.2271



23.9101, 25.9146, 35.8247

Sweetspot

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



27.0503, 25.9158, 25.4066



57.0184, 58.5328, 62.1097



29.0125, 26.4819, 36.4139



12.4055, 12.6927, 13.4201



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.



27.0503, 25.9158, 25.4066



46.9067, 43.8438, 41.6780



29.0857, 29.9865, 26.0851



6.6512, 6.6823, 6.9249



11.3486, 5.9329, 0.5470



0.2079, 0.1160, 0.0114

Inverse Universe

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



28.2588, 32.2391, 37.9913



49.5181, 57.5093, 68.8771



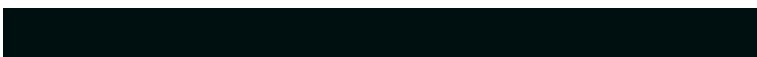
25.9968, 27.7151, 37.2373



6.8015, 7.4687, 8.4898



13.9860, 20.0635, 29.0427



0.2557, 0.3700, 0.5212

Previews

White Background



This preview shows how the XYZ color 27.0496, 25.9146, 25.4061 looks on a white background.

Color Contrast Check

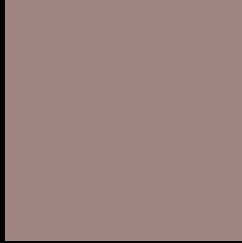
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0496, 25.9146, 25.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

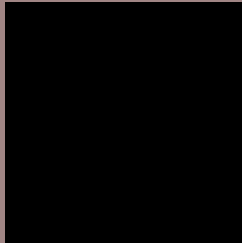
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0496, 25.9146, 25.4061

Background



This preview shows how black text looks on a background with the XYZ color 27.0496, 25.9146, 25.4061.



This preview shows how white text looks on a background with the XYZ color 27.0496, 25.9146,

25.4061.

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

27.0496, 25.9146, 25.4061

Protanopia

24.9335, 26.0541, 26.6365

Deuteranopia

26.5391, 26.0618, 25.4615



Tritanopia

27.8317, 26.0326, 29.1491

Trichromacy



Original Color

27.0496, 25.9146, 25.4061

Protanomaly

25.6432, 26.0021, 26.2216

Deuteranomaly

26.5946, 25.8842, 25.4243

Tritanomaly

27.5367, 25.9146, 27.5954

Monochromacy



Original Color

27.0496, 25.9146, 25.4061

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.8887, 26.3078, 27.7582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0496, 25.9146, 25.4061 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(160, 133, 132) looks like.

```
.text, #text, p{  
    color:rgb(160, 133, 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(160, 133, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 133, 132) }
```

Border

The CSS property to change the border of an element to XYZ 27.0496, 25.9146, 25.4061 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(160, 133, 132) }
```


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

```
.border{ border-color:rgb(160, 133, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 133, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 133, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 133, 132);  
box-shadow:4px 4px 4px 4px rgb(160, 133,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0496, 25.9146, 25.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 133, 132) }
```

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

```
.background{ background-color: rgb(160,  
133, 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](#).

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