

Converting Colors

XYZ(27.5197, 25.4814, 14.3789)

Have a look what the booklet for
XYZ(27.5197, 25.4814, 14.3789)
contains.

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Color

**XYZ(27.4639, 25.3785,
14.2775)**

Conversions

Conversions Part 1

Format	Color
Hex	AF805F
RGB	175, 128, 95
RGB Percent	69%, 50%, 37%
CMY	0.3137, 0.4980, 0.6274
CMYK	0.00, 0.27, 0.46, 0.31
HSL	25°, 33%, 53%
HSV	25°, 46%, 69%
XYZ	27.4639, 25.3785, 14.2775
YIQ	138.2910, 38.6050, -0.2990

Conversions

Conversions Part 2

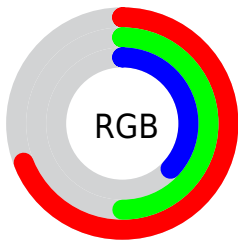
Format	Color
R_{YB}	175, 151, 95
Decimal	11501663
CIE _{Lab}	57.44, 13.99, 25.02
CIE _{LCh}	57, 28.665, 60.779
Yxy	25.3785, 0.4092, 0.3781
Android (android.graphics.Color)	4289691743 (0xFFAF805F)
YUV	138.2910, -21.3425, 32.1938
Hunter-Lab	50.3771, 9.1523, 18.4604

Details

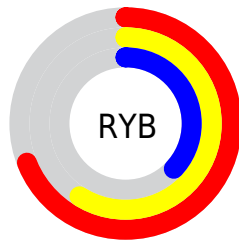
The XYZ color **27.4639, 25.3785, 14.2775** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.1297, 24.8730, 44.1919**, and the grayscale version is **24.3379, 25.6053, 27.8842**.

A 20% lighter version of the original color is **54.9909, 52.2789, 34.3866**, and **11.0752, 9.7984, 4.1039** is the 20% darker color. If you saturate the color by 10%, you get **25.4825, 22.5489, 10.1236**, and if you desaturate by 10%, it is **29.7612, 28.5538, 19.4188**.

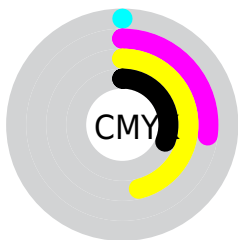
Distribution



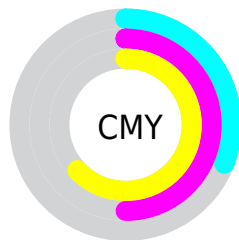
- Red (69%)
- Green (50%)
- Blue (37%)



- Red (69%)
- Yellow (59%)
- Blue (37%)



- Cyan (0%)
- Magenta (27%)
- Yellow (46%)
- Black (31%)





- Cyan (31%)
- Magenta (50%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4639, 25.3785, 14.2775 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 27.4639, 25.3785, 14.2775 by changing the saturation by 10% instead.


 27.4639, 25.3785,
14.2775

 27.4639, 25.3785,
14.2775


282.0230,
279.7177, 230.4385


 18.0603, 16.3593,
8.1730

 55.0420, 52.2706,
34.3048

 11.0933, 9.7787,
4.1165


 73.9473, 70.9123,
49.0646

 6.1973, 5.2525,
1.6895


 96.7505, 93.5302,
67.5467

 3.0072, 2.3962,
0.3535

 123.8170,
120.5088, 90.1694

 1.1576, 0.8239,
0.0000

155.5121,
152.2324, 117.3515

 0.0725, 0.0000,
0.0000

192.2013,

 0.0000, 0.0000,

189.0855, 149.5113

0.0000

234.2498,
231.4525, 187.0675

■ 27.4639, 25.3785,
14.2775

■ 27.4639, 25.3785,
14.2775

■ 25.4825, 22.5489,
10.1236

■ 29.7612, 28.5538,
19.4188

■ 23.7989, 20.0484,
6.8905

■ 32.3873, 32.0833,
25.6052

■ 22.3959, 17.8644,
4.5056


■ 35.3566, 35.9795,
32.8916


■ 21.2534, 15.9816,
2.8844


■ 38.6822, 40.2534,
41.3288


■ 20.3464, 14.3827,
1.9192


■ 42.3762, 44.9154,
50.9641

 20.0092, 13.7741,
1.6041

 46.4503, 49.9755,
61.8423

 50.9155, 55.4431,
74.0059

 55.7824, 61.3277,
87.4954

 61.0613, 67.6379,
102.3494

Harmonies

Analogous

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



30.2005, 25.3785, 19.0993



27.4639, 25.3785, 14.2775



24.0326, 25.3785, 12.7953

Triad

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



27.4639, 25.3785, 14.2775



18.1448, 25.3785, 27.8887



27.6324, 25.3785, 47.0950

Complementary

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



27.4639, 25.3785, 14.2775



22.1297, 24.8730, 44.1919

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.



24.2106, 25.3785, 50.9653



27.4639, 25.3785, 14.2775



18.9184, 25.3785, 38.3914

Square

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



27.4639, 25.3785, 14.2775



18.8428, 25.3785, 19.4466



21.0619, 25.3785, 47.4598



30.3041, 25.3785, 37.8441

Rectangle

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



27.4639, 25.3785, 14.2775



21.8708, 25.3785, 13.5388



21.0619, 25.3785, 47.4598



26.5216, 25.3785, 49.1541

Sweetspot

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



27.4645, 25.3797, 14.2780



64.1586, 65.5217, 61.0002



26.7294, 19.2817, 28.2997



13.9932, 14.2169, 12.8910



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.4645, 25.3797, 14.2780



45.5609, 40.2716, 17.9754



33.5635, 37.5776, 16.3110



8.2665, 8.5378, 8.4256



14.3870, 9.9795, 1.1680



0.4550, 0.3871, 0.0507

Inverse Universe

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



22.1297, 24.8730, 44.1919



34.7708, 39.2127, 78.3731



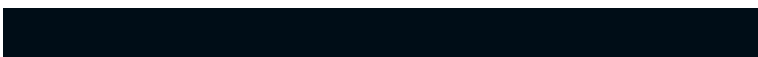
17.3076, 15.2288, 42.5846



7.9551, 8.5096, 10.1759



9.0625, 9.2588, 30.3540



0.3043, 0.3620, 0.8618

Previews

White Background



This preview shows how the XYZ color 27.4639, 25.3785, 14.2775 looks on a white background.

Color Contrast Check

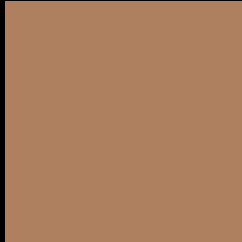
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4639, 25.3785, 14.2775 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 27.4639, 25.3785, 14.2775

Background



This preview shows how black text looks on a background with the XYZ color 27.4639, 25.3785, 14.2775.



This preview shows how white text looks on a background with the XYZ color 27.4639, 25.3785,

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

27.4639, 25.3785, 14.2775

Protanopia

23.7350, 25.4674, 15.4691

Deuteranopia

25.7887, 25.3100, 14.1158



Tritanopia

29.6079, 25.2968, 25.1521

Trichromacy



Original Color

27.4639, 25.3785, 14.2775

Protanomaly

24.8303, 25.2011, 15.1109

Deuteranomaly

26.4989, 25.4758, 14.1103

Tritanomaly

28.7949, 25.3463, 20.8274

Monochromacy



Original Color

27.4639, 25.3785, 14.2775

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.8004, 25.0346, 21.9374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4639, 25.3785, 14.2775 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(175, 128, 95)` looks like.

```
.text, #text, p{  
    color:rgb(175, 128, 95)  
}
```

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(175, 128, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 128, 95) }
```

Border

The CSS property to change the border of an element to XYZ 27.4639, 25.3785, 14.2775 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(175, 128, 95) }
```


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

```
.border{ border-color:rgb(175, 128, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 128, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 128, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 128, 95);  
box-shadow:4px 4px 4px 4px rgb(175, 128,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4639, 25.3785, 14.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 128, 95) }
```

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

```
.background{ background-color: rgb(175,  
128, 95) }
```

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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