

Converting Colors

XYZ(27.4646, 25.2328, 15.4835)

Have a look what the booklet for
XYZ(27.4646, 25.2328, 15.4835)
contains.

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Color

**XYZ(27.3452, 25.0975,
15.4596)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7F64
RGB	174, 127, 100
RGB Percent	68%, 50%, 39%
CMY	0.3176, 0.5019, 0.6078
CMYK	0.00, 0.27, 0.43, 0.32
HSL	22°, 31%, 54%
HSV	22°, 43%, 68%
XYZ	27.3452, 25.0975, 15.4596
YIQ	137.9750, 36.6790, 1.5670

Conversions

Conversions Part 2

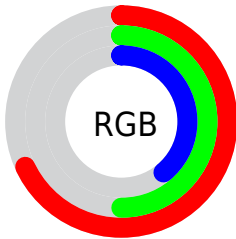
Format	Color
RYB	174, 143, 100
Decimal	11435876
CIELab	57.17, 14.69, 21.82
CIELCh	57, 26.302, 56.048
Yxy	25.0975, 0.4027, 0.3696
Android (android.graphics.Color)	4289625956 (0xFFAE7F64)
YUV	137.9750, -18.7217, 31.5939
Hunter-Lab	50.0974, 9.7621, 16.7718

Details

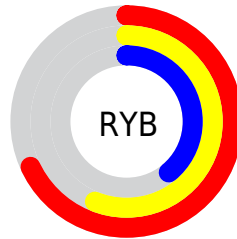
The XYZ color **27.3452, 25.0975, 15.4596** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.3288, 26.6318, 43.9553**, and the grayscale version is **24.2078, 25.4685, 27.7352**.

A 20% lighter version of the original color is **54.8622, 51.8658, 36.3977**, and **11.1127, 9.6989, 4.6545** is the 20% darker color. If you saturate the color by 10%, you get **25.2416, 22.0973, 11.0379**, and if you desaturate by 10%, it is **29.7865, 28.4852, 20.8818**.

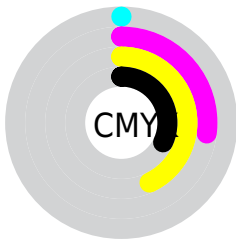
Distribution



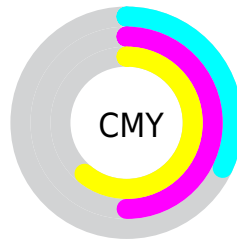
- Red (68%)
- Green (50%)
- Blue (39%)



- Red (68%)
- Yellow (56%)
- Blue (39%)



- Cyan (0%)
- Magenta (27%)
- Yellow (43%)
- Black (32%)





- Cyan (32%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3452, 25.0975, 15.4596 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 27.3452, 25.0975, 15.4596 by changing the saturation by 10% instead.

 27.3452, 25.0975,
15.4596


 27.3452, 25.0975,
15.4596


281.4618,
278.3232, 237.8673


 17.9706, 16.1497,
8.9924


 54.8533, 51.8154,
36.4111


 11.0284, 9.6302,
4.6395


 73.7175, 70.3542,
51.7325

 6.1534, 5.1544,
1.9823


 96.4756, 92.8589,
70.8423

 2.9801, 2.3382,
0.5444

 123.4929,
119.7137, 94.1591

 1.1433, 0.7938,
0.0000

155.1348,
151.3032, 122.1015

 0.0608, 0.0000,
0.0000

191.7667,

 0.0000, 0.0000,

188.0117, 155.0880

0.0000

233.7539,
230.2235, 193.5370

■ 27.3452, 25.0975,
15.4596

■ 27.3452, 25.0975,
15.4596

■ 25.2416, 22.0973,
11.0379

■ 29.7865, 28.4852,
20.8818

■ 23.4573, 19.4662,
7.5526

■ 32.5789, 32.2706,
27.3600

■ 21.9746, 17.1898,
4.9346

■ 35.7374, 36.4680,
34.9476

■ 20.7733, 15.2508,
3.1042

■ 39.2755, 41.0897,
43.6937

■ 19.8296, 13.6305,
1.9666

■ 43.2059, 46.1478,
53.6445

■ 19.2607, 12.6088,
1.4186

■ 47.5408, 51.6535,
64.8437

■ 52.2917, 57.6179,
77.3328

■ 57.4698, 64.0516,
91.1514

■ 62.8268, 70.8612,
104.9740

Harmonies

Analogous

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



29.6280, 25.0975, 20.4876



27.3452, 25.0975, 15.4596



24.2681, 25.0975, 13.5762

Triad

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



27.3452, 25.0975, 15.4596



18.3822, 25.0975, 26.1658



26.5723, 25.0975, 45.7387

Complementary

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



27.3452, 25.0975, 15.4596



23.3288, 26.6318, 43.9553

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.



23.4455, 25.0975, 48.1707



27.3452, 25.0975, 15.4596



18.8843, 25.0975, 35.5406

Square

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



27.3452, 25.0975, 15.4596



19.2385, 25.0975, 18.8495



20.6741, 25.0975, 44.0981



29.1553, 25.0975, 38.0274

Rectangle

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



27.3452, 25.0975, 15.4596



22.2423, 25.0975, 13.9723



20.6741, 25.0975, 44.0981



25.5426, 25.0975, 47.2638

Sweetspot

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



27.3458, 25.0987, 15.4601



64.3999, 65.5901, 62.3579



27.3661, 20.2545, 30.5258



14.0259, 14.1980, 13.1620



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.



27.3458, 25.0987, 15.4601



46.0072, 40.4026, 20.4720



32.8354, 36.0778, 17.2899



8.2356, 8.4760, 8.4153



14.0222, 9.2499, 1.0463



0.4431, 0.3634, 0.0468

Inverse Universe

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



23.3288, 26.6318, 43.9553



37.7286, 43.5141, 79.0474



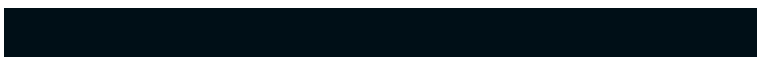
18.5911, 17.1563, 42.3761



7.9868, 8.5731, 10.1865



9.6831, 10.5001, 30.5609



0.3190, 0.3914, 0.8667

Previews

White Background



This preview shows how the XYZ color 27.3452, 25.0975, 15.4596 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 27.3452, 25.0975, 15.4596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

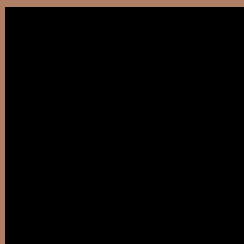
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3452, 25.0975, 15.4596

Background



This preview shows how black text looks on a background with the XYZ color 27.3452, 25.0975, 15.4596.



This preview shows how white text looks on a background with the XYZ color 27.3452, 25.0975,

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

27.3452, 25.0975, 15.4596

Protanopia

23.5281, 25.1143, 16.9721

Deuteranopia

25.6077, 25.1899, 15.3169



Tritanopia

29.3793, 25.1790, 25.1414

Trichromacy



Original Color

27.3452, 25.0975, 15.4596

Protanomaly

24.7403, 24.9224, 16.3385

Deuteranomaly

26.1711, 25.0816, 15.2662

Tritanomaly

28.5023, 25.0015, 21.0928

Monochromacy



Original Color

27.3452, 25.0975, 15.4596

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9257, 25.0847, 22.5969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3452, 25.0975, 15.4596 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(174, 127, 100)` looks like.

```
.text, #text, p{  
    color:rgb(174, 127, 100)  
}
```

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(174, 127, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 127, 100) }
```

Border

The CSS property to change the border of an element to XYZ 27.3452, 25.0975, 15.4596 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(174, 127, 100) }
```


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

```
.border{ border-color:rgb(174, 127, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 127, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 127, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 127, 100);  
box-shadow:4px 4px 4px 4px rgb(174, 127,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3452, 25.0975, 15.4596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 127, 100) }
```

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

```
.background{ background-color: rgb(174,  
127, 100) }
```

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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