

Converting Colors

XYZ(25.8579, 24.5202, 7.0205)

Have a look what the booklet for
XYZ(25.8579, 24.5202, 7.0205)
contains.

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Color

**XYZ(25.9582, 24.5685,
6.9885)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7F37
RGB	175, 127, 55
RGB Percent	69%, 50%, 22%
CMY	0.3137, 0.5019, 0.7843
CMYK	0.00, 0.27, 0.69, 0.31
HSL	36°, 52%, 45%
HSV	36°, 69%, 69%
XYZ	25.9582, 24.5685, 6.9885
YIQ	133.1440, 51.7200, -12.2160

Conversions

Conversions Part 2

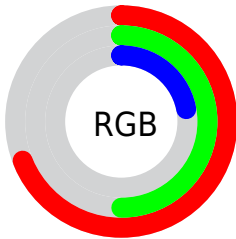
Format	Color
R_{YB}	135, 175, 55
Decimal	11501367
CIE _{Lab}	56.65, 11.24, 45.19
CIE _{LCh}	57, 46.564, 76.027
Yxy	24.5685, 0.4513, 0.4272
Android (android.graphics.Color)	4289691447 (0xFFAF7F37)
YUV	133.1440, -38.5250, 36.7077
Hunter-Lab	49.5666, 6.7394, 26.3372

Details

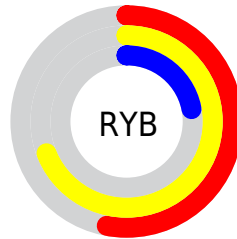
The XYZ color **25.9582, 24.5685, 6.9885** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.1635, 13.6075, 42.4374**, and the grayscale version is **22.4702, 23.6404, 25.7444**.

A 20% lighter version of the original color is **52.8027, 51.1549, 20.4555**, and **10.3376, 9.3729, 1.2930** is the 20% darker color. If you saturate the color by 10%, you get **24.7381, 22.6849, 4.8667**, and if you desaturate by 10%, it is **27.3910, 26.6397, 9.9155**.

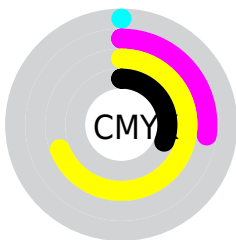
Distribution



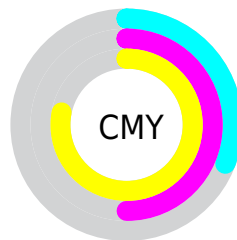
- Red (69%)
- Green (50%)
- Blue (22%)



- Red (53%)
- Yellow (69%)
- Blue (22%)



- Cyan (0%)
- Magenta (27%)
- Yellow (69%)
- Black (31%)





- Cyan (31%)
- Magenta (50%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9582, 24.5685, 6.9885 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 25.9582, 24.5685, 6.9885 by changing the saturation by 10% instead.


 25.9582, 24.5685,
6.9885


 25.9582, 24.5685,
6.9885


274.8373,
275.6822, 177.1954


 16.9249, 15.7559,
3.3766


 52.6393, 50.9563,
20.4625

 10.2759, 9.3516,
1.2900


 71.0178, 69.3003,
31.1617

 5.6460, 4.9712,
0.0536

 93.2420, 91.5902,
45.0604

 2.6696, 2.2304,
0.0000

 119.6774,
118.2104, 62.5772

 0.9816, 0.7365,
0.0000

 150.6893,
149.5453, 84.1305

 0.0000, 0.0000,
0.0000

 186.6430,

185.9793, 110.1390

227.9039,
227.8968, 141.0211

■ 25.9582, 24.5685,
6.9885

■ 25.9582, 24.5685,
6.9885

■ 24.7381, 22.6849,
4.8667

■ 27.3910, 26.6397,
9.9155

■ 23.7112, 20.9760,
3.4610

■ 29.0501, 28.9029,
13.7211

■ 22.8475, 19.4288,
2.6178

■ 30.9499, 31.3668,
18.4720

■ 22.7313, 19.2182,
2.5114

■ 33.1027, 34.0381,
24.2281

■ 35.5201, 36.9234,
31.0441

■ 38.2127, 40.0285,
38.9710

■ 41.1906, 43.3593,
48.0561

■ 44.4633, 46.9212,
58.3443

■ 48.0397, 50.7196,
69.8779

Harmonies

Analogous

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



31.3564, 24.5685, 10.5127



25.9582, 24.5685, 6.9885



20.5921, 24.5685, 7.1023

Triad

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



25.9582, 24.5685, 6.9885



14.7025, 24.5685, 35.8619



31.6790, 24.5685, 53.2701

Complementary

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



25.9582, 24.5685, 6.9885



14.1635, 13.6075, 42.4374

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.



26.3473, 24.5685, 66.8884



25.9582, 24.5685, 6.9885



16.8402, 24.5685, 54.4765

Square

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



25.9582, 24.5685, 6.9885



14.6316, 24.5685, 20.1748



20.9257, 24.5685, 67.3997



34.9888, 24.5685, 34.6201

Rectangle

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



25.9582, 24.5685, 6.9885



17.7450, 24.5685, 9.1507



20.9257, 24.5685, 67.3997



30.0299, 24.5685, 58.8578

Sweetspot

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



25.9588, 24.5697, 6.9890



62.3574, 64.6462, 51.9934



21.4937, 12.8258, 14.1751



13.5974, 14.0563, 10.8138



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.



25.9588, 24.5697, 6.9890



43.3726, 39.1062, 7.3465



31.1239, 38.7223, 9.4485



8.3898, 8.7844, 8.4667



16.3400, 13.8856, 1.8190



0.5062, 0.4895, 0.0678

Inverse Universe

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



14.1635, 13.6075, 42.4374



20.9300, 18.3382, 75.0734



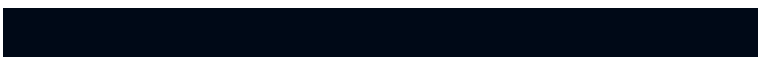
11.4190, 7.0211, 41.3107



7.8320, 8.2633, 10.1349



7.1664, 5.4667, 29.7220



0.2538, 0.2609, 0.8450

Previews

White Background



This preview shows how the XYZ color 25.9582, 24.5685, 6.9885 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 25.9582, 24.5685, 6.9885 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 25.9582, 24.5685, 6.9885

Background



This preview shows how black text looks on a background with the XYZ color 25.9582, 24.5685, 6.9885.



This preview shows how white text looks on a background with the XYZ color 25.9582, 24.5685,

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

25.9582, 24.5685, 6.9885

Protanopia

22.5168, 24.5892, 7.5624

Deuteranopia

25.0107, 24.6666, 6.9330



Tritanopia

29.3155, 24.4555, 23.5974

Trichromacy



Original Color

25.9582, 24.5685, 6.9885

Protanomaly

23.6233, 24.5440, 7.3633

Deuteranomaly

25.3107, 24.6248, 6.9091

Tritanomaly

27.6686, 24.3236, 15.5486

Monochromacy



Original Color

25.9582, 24.5685, 6.9885

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8788, 23.5484, 16.7041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9582, 24.5685, 6.9885 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, 127, 55)` looks like.

```
.text, #text, p{  
    color:rgb(175, 127, 55)  
}
```

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, 127, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 127, 55) }
```

Border

The CSS property to change the border of an element to XYZ 25.9582, 24.5685, 6.9885 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, 127, 55) }
```


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

```
.border{ border-color:rgb(175, 127, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 127, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 127, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 127, 55);  
box-shadow:4px 4px 4px 4px rgb(175, 127,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9582, 24.5685, 6.9885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 127, 55) }
```

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

```
.background{ background-color: rgb(175,  
127, 55) }
```

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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