

Converting Colors

XYZ(25.7036, 24.9954, 4.6716)

Have a look what the booklet for
XYZ(25.7036, 24.9954, 4.6716)
contains.

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Color

**XYZ(25.6725, 25.0577,
4.7118)**

Conversions

Conversions Part 1

Format	Color
Hex	AE821E
RGB	174, 130, 30
RGB Percent	68%, 51%, 12%
CMY	0.3177, 0.4902, 0.8823
CMYK	0.00, 0.25, 0.83, 0.32
HSL	42°, 71%, 40%
HSV	42°, 83%, 68%
XYZ	25.6725, 25.0577, 4.7118
YIQ	131.7560, 58.3240, -21.7720

Conversions

Conversions Part 2

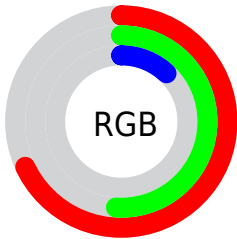
Format	Color
R_{YB}	93, 174, 30
Decimal	11436574
CIE _{Lab}	57.13, 7.98, 55.87
CIE _{LCh}	57, 56.440, 81.868
Yxy	25.0577, 0.4631, 0.4520
Android (android.graphics.Color)	4289626654 (0xFFAE821E)
YUV	131.7560, -50.1657, 37.0480
Hunter-Lab	50.0577, 3.9443, 29.4596

Details

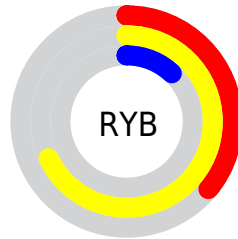
The XYZ color **25.6725, 25.0577, 4.7118** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.6240, 8.2293, 41.0724**, and the grayscale version is **22.0051, 23.1511, 25.2116**.

A 20% lighter version of the original color is **52.1380, 51.8307, 15.6439**, and **10.2785, 9.6668, 1.3241** is the 20% darker color. If you saturate the color by 10%, you get **24.8198, 23.6152, 3.6176**, and if you desaturate by 10%, it is **26.6855, 26.6248, 6.4648**.

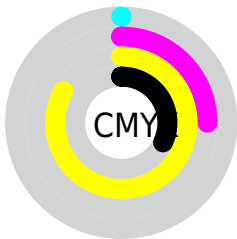
Distribution



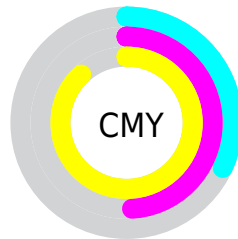
- Red (68%)
- Green (51%)
- Blue (12%)



- Red (36%)
- Yellow (68%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (32%)





- Cyan (32%)
- Magenta (49%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6725, 25.0577, 4.7118 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 25.6725, 25.0577, 4.7118 by changing the saturation by 10% instead.


 25.6725, 25.0577,
4.7118


 25.6725, 25.0577,
4.7118


273.4570,
278.1252, 155.8359


 16.7102, 16.1200,
2.0234

 52.1812, 51.7508,
15.6207


 10.1221, 9.6091,
0.5696


 70.4583, 70.2751,
24.6783

 5.5429, 5.1406,
0.0000

 92.5711, 92.7636,
36.6960

 2.6072, 2.3300,
0.0000

 118.8848,
119.6009, 52.0925

 0.9496, 0.7895,
0.0000

 149.7649,
151.1713, 71.2861

 0.0000, 0.0000,
0.0000

 185.5768,

187.8592, 94.6956

226.6856,
230.0491, 122.7393

■ 25.6725, 25.0577,
4.7118

■ 25.6725, 25.0577,
4.7118

■ 24.8198, 23.6152,
3.6176

■ 26.6855, 26.6248,
6.4648

■ 24.2731, 22.6340,
3.0895

■ 27.8753, 28.3209,
8.9685

■ 29.2578, 30.1543,
12.3016

■ 30.8465, 32.1311,
16.5323

■ 32.6534, 34.2569,
21.7218

■ 34.6896, 36.5371,
27.9260

■ 36.9654, 38.9764,
35.1962

■ 39.4902, 41.5794,
43.5804

■ 42.2731, 44.3505,
53.1236

Harmonies

Analogous

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



32.6215, 25.0577, 7.4206



25.6725, 25.0577, 4.7118



19.3624, 25.0577, 5.4507

Triad

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



25.6725, 25.0577, 4.7118



13.8076, 25.0577, 43.3316



35.3631, 25.0577, 56.7360

Complementary

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



25.6725, 25.0577, 4.7118



10.6240, 8.2293, 41.0724

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.



28.9064, 25.0577, 77.3661



25.6725, 25.0577, 4.7118



16.7584, 25.0577, 67.4405

Square

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



25.6725, 25.0577, 4.7118



13.2644, 25.0577, 22.4220



22.0524, 25.0577, 81.9990



38.8583, 25.0577, 32.8015

Rectangle

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



25.6725, 25.0577, 4.7118



16.2581, 25.0577, 8.0839



22.0524, 25.0577, 81.9990



33.4157, 25.0577, 64.6728

Sweetspot

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



25.6731, 25.0589, 4.7123



61.8903, 65.1366, 47.4463



19.2104, 10.4436, 7.7685



13.4711, 14.1594, 9.6756



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.



25.6731, 25.0589, 4.7123



43.9541, 40.8856, 5.6402



27.5108, 36.6242, 6.8477



8.4530, 8.9109, 8.4878



17.6598, 16.5251, 2.2589



0.5366, 0.5503, 0.0779

Inverse Universe

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



10.6240, 8.2293, 41.0724



16.1345, 10.0536, 73.7270



9.7578, 4.8371, 40.4633



7.7710, 8.1414, 10.1146



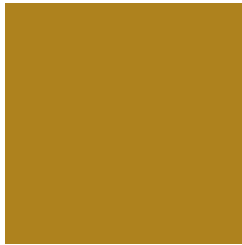
6.5170, 4.1679, 29.5055



0.2303, 0.2139, 0.8371

Previews

White Background



This preview shows how the XYZ color 25.6725, 25.0577, 4.7118 looks on a white background.

Color Contrast Check

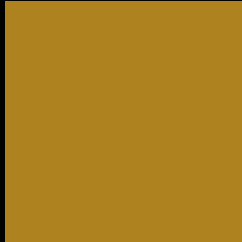
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6725, 25.0577, 4.7118 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 25.6725, 25.0577, 4.7118

Background



This preview shows how black text looks on a background with the XYZ color 25.6725, 25.0577, 4.7118.



This preview shows how white text looks on a background with the XYZ color 25.6725, 25.0577,

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

25.6725, 25.0577, 4.7118

Protanopia

22.8668, 25.2498, 5.0350

Deuteranopia

25.4506, 24.9432, 4.7014



Tritanopia

29.6890, 24.9897, 24.3778

Trichromacy



Original Color

25.6725, 25.0577, 4.7118

Protanomaly

23.8116, 25.1083, 4.8877

Deuteranomaly

25.4506, 24.9432, 4.7014

Tritanomaly

27.5881, 24.6884, 13.9010

Monochromacy



Original Color

25.6725, 25.0577, 4.7118

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.2145, 23.2619, 14.1456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6725, 25.0577, 4.7118 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, 130, 30)` looks like.

```
.text, #text, p{  
    color:rgb(174, 130, 30)  
}
```

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, 130, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 30) }
```

Border

The CSS property to change the border of an element to XYZ 25.6725, 25.0577, 4.7118 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, 130, 30) }
```


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

```
.border{ border-color:rgb(174, 130, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 130, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 30);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6725, 25.0577, 4.7118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 30) }
```

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

```
.background{ background-color: rgb(174,  
130, 30) }
```

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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