

Converting Colors

XYZ(25.0058, 24.1127, 3.7211)

Have a look what the booklet for
XYZ(25.0058, 24.1127, 3.7211)
contains.

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Color

**XYZ(25.1176, 24.2065,
3.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7F0D
RGB	174, 127, 13
RGB Percent	68%, 50%, 5%
CMY	0.3176, 0.5019, 0.9490
CMYK	0.00, 0.27, 0.93, 0.32
HSL	42°, 86%, 37%
HSV	42°, 93%, 68%
XYZ	25.1176, 24.2065, 3.7292
YIQ	128.0570, 64.6060, -25.4900

Conversions

Conversions Part 2

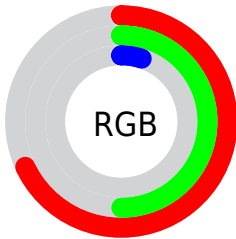
Format	Color
RYB	79, 174, 13
Decimal	11435789
CIELab	56.29, 9.25, 59.69
CIElCh	56, 60.407, 81.193
Yxy	24.2065, 0.4734, 0.4563
Android (android.graphics.Color)	4289625869 (0xFFAE7F0D)
YUV	128.0570, -56.7231, 40.2920
Hunter-Lab	49.2001, 5.0275, 29.9461

Details

The XYZ color **25.1176, 24.2065, 3.7292** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.4219, 6.3734, 40.7777**, and the grayscale version is **20.7134, 21.7921, 23.7317**.

A 20% lighter version of the original color is **51.2544, 50.2137, 13.2941**, and **10.0605, 9.2307, 1.2515** is the 20% darker color. If you saturate the color by 10%, you get **24.5643, 23.2163, 3.1865**, and if you desaturate by 10%, it is **25.9577, 25.6198, 4.8327**.

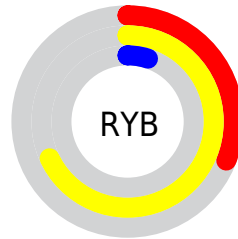
Distribution



Red (68%)

Green (50%)

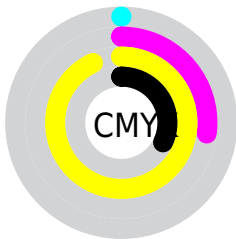
Blue (5%)



Red (31%)

Yellow (68%)

Blue (5%)

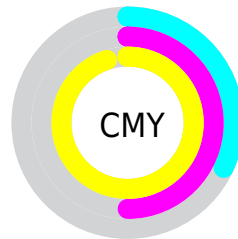


Cyan (0%)

Magenta (27%)

Yellow (93%)

Black (32%)



Cyan (32%)

Magenta (50%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1176, 24.2065, 3.7292 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 25.1176, 24.2065, 3.7292 by changing the saturation by 10% instead.

■ 25.1176, 24.2065,
3.7292

■ 25.1176, 24.2065,
3.7292

270.7599,
273.8628, 145.1661

■ 16.2939, 15.4869,
1.4780

■ 51.2895, 50.3670,
13.3802

■ 9.8245, 9.1618,
0.2015

■ 69.3683, 68.5766,
21.6171

■ 5.3441, 4.8469,
0.0000

■ 91.2629, 90.7184,
32.6864

■ 2.4874, 2.1577,
0.0000

■ 117.3387,
117.1766, 47.0065

■ 0.8889, 0.6968,
0.0000

■ 147.9609,
148.3358, 64.9959

■ 0.0000, 0.0000,
0.0000

■ 183.4949,

184.5803, 87.0733

224.3062,
226.2945, 113.6572

25.1176, 24.2065,
3.7292

25.1176, 24.2065,
3.7292

24.5643, 23.2163,
3.1865

25.9577, 25.6198,
4.8327

26.9538, 27.1482,
6.5949

28.1246, 28.8008,
9.1091

29.4854, 30.5846,
12.4534

31.0493, 32.5055,
16.6958

■ 32.8285, 34.5691,
21.8972

■ 34.8339, 36.7803,
28.1134

■ 37.0757, 39.1441,
35.3956

■ 39.5632, 41.6647,
43.7918

Harmonies

Analogous

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



32.4529, 24.2065, 6.3532



25.1176, 24.2065, 3.7292



18.5016, 24.2065, 4.3409

Triad

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



25.1176, 24.2065, 3.7292



12.6512, 24.2065, 42.7784



35.0885, 24.2065, 58.4041

Complementary

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



25.1176, 24.2065, 3.7292



9.4219, 6.3734, 40.7777

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.



28.1915, 24.2065, 80.6605



25.1176, 24.2065, 3.7292



15.5996, 24.2065, 68.9146

Square

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



25.1176, 24.2065, 3.7292



12.1564, 24.2065, 20.9142



21.0191, 24.2065, 85.2555



38.9247, 24.2065, 32.6700

Rectangle

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



25.1176, 24.2065, 3.7292



15.2726, 24.2065, 6.7587



21.0191, 24.2065, 85.2555



32.9926, 24.2065, 66.9865

Sweetspot

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



25.1181, 24.2077, 3.7297



60.9636, 64.2890, 44.0363



18.4500, 9.6268, 5.3437



13.2190, 13.9186, 8.7791



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.



25.1181, 24.2077, 3.7297



44.3557, 41.7087, 5.7128



26.3298, 36.0342, 5.9485



8.4622, 8.9293, 8.4909



17.8698, 16.9451, 2.3289



0.5412, 0.5596, 0.0795

Inverse Universe

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



9.4219, 6.3734, 40.7777



15.8209, 9.4687, 73.6307



8.8752, 3.9065, 40.3304



7.7623, 8.1240, 10.1117



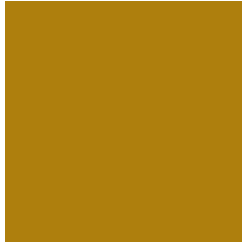
6.4389, 4.0117, 29.4795



0.2269, 0.2071, 0.8360

Previews

White Background



This preview shows how the XYZ color 25.1176, 24.2065, 3.7292 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 25.1176, 24.2065, 3.7292 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 25.1176, 24.2065, 3.7292

Background



This preview shows how black text looks on a background with the XYZ color 25.1176, 24.2065, 3.7292.



This preview shows how white text looks on a background with the XYZ color 25.1176, 24.2065,

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

25.1176, 24.2065, 3.7292

Protanopia

22.0346, 24.4180, 4.0420

Deuteranopia

24.5742, 24.1204, 3.6771



Tritanopia

29.1316, 24.1925, 23.2129

Trichromacy



Original Color

25.1176, 24.2065, 3.7292

Protanomaly

23.1717, 24.3866, 3.9377

Deuteranomaly

24.7988, 24.2355, 3.7187

Tritanomaly

26.8772, 23.8116, 11.9836

Monochromacy



Original Color

25.1176, 24.2065, 3.7292

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.0759, 22.1300, 11.9648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1176, 24.2065, 3.7292 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, 13)` looks like.

```
.text, #text, p{  
    color:rgb(174, 127, 13)  
}
```

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, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 127, 13) }
```

Border

The CSS property to change the border of an element to XYZ 25.1176, 24.2065, 3.7292 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, 13) }
```


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

```
.border{ border-color:rgb(174, 127, 13) }
```

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, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 127, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 127, 13);  
box-shadow:4px 4px 4px 4px rgb(174, 127,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1176, 24.2065, 3.7292 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, 13) }
```

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

```
.background{ background-color: rgb(174,  
127, 13) }
```

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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