

Converting Colors

XYZ(25.2425, 24.3356, 3.8694)

Have a look what the booklet for
XYZ(25.2425, 24.3356, 3.8694)
contains.

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Color

**XYZ(25.1385, 24.2148,
3.8392)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7F10
RGB	174, 127, 16
RGB Percent	68%, 50%, 6%
CMY	0.3176, 0.5019, 0.9372
CMYK	0.00, 0.27, 0.91, 0.32
HSL	42°, 83%, 37%
HSV	42°, 91%, 68%
XYZ	25.1385, 24.2148, 3.8392
YIQ	128.3990, 63.6430, -24.5570

Conversions

Conversions Part 2

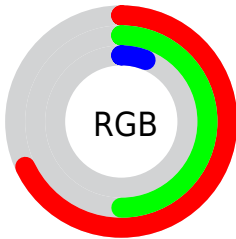
Format	Color
RYB	83, 174, 16
Decimal	11435792
CIELab	56.30, 9.30, 59.08
CIELCh	56, 59.804, 81.052
Yxy	24.2148, 0.4726, 0.4552
Android (android.graphics.Color)	4289625872 (0xFFAE7F10)
YUV	128.3990, -55.4127, 39.9921
Hunter-Lab	49.2085, 5.0729, 29.8202

Details

The XYZ color **25.1385, 24.2148, 3.8392** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.6314, 6.7214, 40.8340**, and the grayscale version is **20.8287, 21.9134, 23.8637**.

A 20% lighter version of the original color is **51.3218, 50.2406, 13.6491**, and **10.0605, 9.2307, 1.2515** is the 20% darker color. If you saturate the color by 10%, you get **24.4450, 22.9776, 3.1467**, and if you desaturate by 10%, it is **26.0115, 25.6622, 5.0512**.

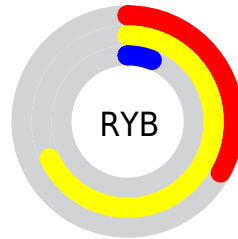
Distribution



Red (68%)

Green (50%)

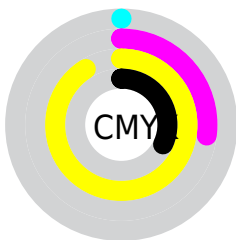
Blue (6%)



Red (33%)

Yellow (68%)

Blue (6%)

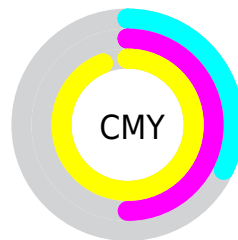


Cyan (0%)

Magenta (27%)

Yellow (91%)

Black (32%)



Cyan (32%)

Magenta (50%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1385, 24.2148, 3.8392 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 25.1385, 24.2148, 3.8392 by changing the saturation by 10% instead.

■ 25.1385, 24.2148,
3.8392

■ 25.1385, 24.2148,
3.8392

270.8619,
273.9046, 146.4210

■ 16.3096, 15.4930,
1.5376

■ 51.3231, 50.3805,
13.6372

■ 9.8357, 9.1661,
0.2457

■ 69.4095, 68.5932,
21.9706

■ 5.3516, 4.8497,
0.0000

■ 91.3123, 90.7384,
33.1517

■ 2.4919, 2.1594,
0.0000

■ 117.3971,
117.2004, 47.5989

■ 0.8912, 0.6977,
0.0000

■ 148.0291,
148.3636, 65.7310

■ 0.0000, 0.0000,
0.0000

■ 183.5736,

184.6125, 87.9663

224.3961,
226.3313, 114.7234

25.1385, 24.2148,
3.8392

25.1385, 24.2148,
3.8392

24.4450, 22.9776,
3.1467

26.0115, 25.6622,
5.0512

27.0451, 27.2286,
6.9399

28.2575, 28.9231,
9.5953

29.6634, 30.7522,
13.0936

31.2761, 32.7222,
17.5013

■ 33.1072, 34.8382,
22.8784

■ 35.1677, 37.1056,
29.2799

■ 37.4676, 39.5289,
36.7564

■ 40.0163, 42.1127,
45.3553

Harmonies

Analogous

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



32.3896, 24.2148, 6.4958



25.1385, 24.2148, 3.8392



18.5766, 24.2148, 4.4413

Triad

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



25.1385, 24.2148, 3.8392



12.7323, 24.2148, 42.4803



34.9343, 24.2148, 58.1365

Complementary

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



25.1385, 24.2148, 3.8392



9.6314, 6.7214, 40.8340

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.



28.1105, 24.2148, 80.0012



25.1385, 24.2148, 3.8392



15.6507, 24.2148, 68.2571

Square

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



25.1385, 24.2148, 3.8392



12.2513, 24.2148, 20.8929



21.0154, 24.2148, 84.4203



38.7418, 24.2148, 32.7196

Rectangle

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



25.1385, 24.2148, 3.8392



15.3644, 24.2148, 6.8541



21.0154, 24.2148, 84.4203



32.8598, 24.2148, 66.5830

Sweetspot

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



25.1390, 24.2160, 3.8397



61.2484, 64.5292, 45.1468



18.5494, 9.7328, 5.6631



13.3466, 14.0444, 9.2208



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.



25.1390, 24.2160, 3.8397



44.1374, 41.2719, 5.6400



26.4539, 36.0957, 6.0634



8.4585, 8.9218, 8.4896



17.7837, 16.7729, 2.3002



0.5393, 0.5558, 0.0789

Inverse Universe

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



9.6314, 6.7214, 40.8340



15.8956, 9.6181, 73.6556



9.0257, 4.0456, 40.3494



7.7659, 8.1311, 10.1128



6.4703, 4.0744, 29.4899



0.2282, 0.2099, 0.8365

Previews

White Background



This preview shows how the XYZ color 25.1385, 24.2148, 3.8392 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 25.1385, 24.2148, 3.8392 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 25.1385, 24.2148, 3.8392

Background



This preview shows how black text looks on a background with the XYZ color 25.1385, 24.2148, 3.8392.



This preview shows how white text looks on a background with the XYZ color 25.1385, 24.2148,

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

25.1385, 24.2148, 3.8392

Protanopia

22.0586, 24.4276, 4.1685

Deuteranopia

24.5930, 24.1280, 3.7764



Tritanopia

29.1316, 24.1925, 23.2129

Trichromacy



Original Color

25.1385, 24.2148, 3.8392

Protanomaly

23.1947, 24.3958, 4.0586

Deuteranomaly

24.8187, 24.2435, 3.8233

Tritanomaly

26.9178, 23.8278, 12.1973

Monochromacy



Original Color

25.1385, 24.2148, 3.8392

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.1165, 22.1462, 12.1785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1385, 24.2148, 3.8392 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, 16)` looks like.

```
.text, #text, p{  
    color:rgb(174, 127, 16)  
}
```

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, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 127, 16) }
```

Border

The CSS property to change the border of an element to XYZ 25.1385, 24.2148, 3.8392 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, 16) }
```


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

```
.border{ border-color:rgb(174, 127, 16) }
```

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, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 127, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 127, 16);  
box-shadow:4px 4px 4px 4px rgb(174, 127,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1385, 24.2148, 3.8392 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, 16) }
```

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

```
.background{ background-color: rgb(174,  
127, 16) }
```

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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