

Converting Colors

XYZ(25.7828, 16.2344, 1.8942)

Have a look what the booklet for
XYZ(25.7828, 16.2344, 1.8942)
contains.

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Color

**XYZ(25.8485, 16.3024,
1.8992)**

Conversions

Conversions Part 1

Format	Color
Hex	C84304
RGB	200, 67, 4
RGB Percent	78%, 26%, 2%
CMY	0.2157, 0.7372, 0.9843
CMYK	0.00, 0.66, 0.98, 0.22
HSL	19°, 96%, 40%
HSV	19°, 98%, 78%
XYZ	25.8485, 16.3024, 1.8992
YIQ	99.5850, 99.4910, 8.6030

Conversions

Conversions Part 2

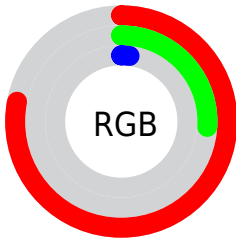
Format	Color
RYB	200, 97, 4
Decimal	13124356
CIELab	47.37, 50.80, 57.39
CIELCh	47, 76.644, 48.484
Yxy	16.3024, 0.5868, 0.3701
Android (android.graphics.Color)	4291314436 (0xFFC84304)
YUV	99.5850, -47.1234, 88.0640
Hunter-Lab	40.3762, 43.6157, 25.4745

Details

The XYZ color **25.8485, 16.3024, 1.8992** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **19.4203, 22.0858, 57.8826**, and the grayscale version is **12.1066, 12.7371, 13.8707**.

A 20% lighter version of the original color is **48.9197, 35.2717, 8.6446**, and **10.3165, 5.3184, 0.4828** is the 20% darker color. If you saturate the color by 10%, you get **25.6691, 15.9791, 1.7314**, and if you desaturate by 10%, it is **26.8954, 18.1677, 2.9535**.

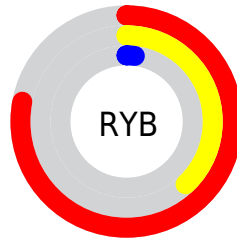
Distribution



Red (78%)

Green (26%)

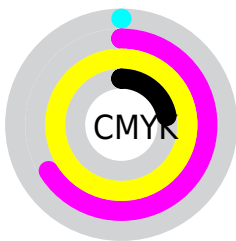
Blue (2%)



Red (78%)

Yellow (38%)

Blue (2%)

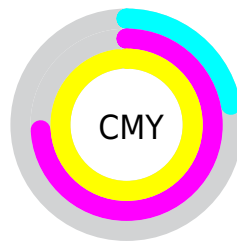


Cyan (0%)

Magenta (66%)

Yellow (98%)

Black (22%)



Cyan (22%)


Magenta (74%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8485, 16.3024, 1.8992 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 25.8485, 16.3024, 1.8992 by changing the saturation by 10% instead.


 25.8485, 16.3024,
1.8992


 25.8485, 16.3024,
1.8992


 274.3079,
231.1196, 120.7914


 16.8424, 9.7384,
0.4922


 52.4635, 37.1224,
8.7633


 10.2168, 5.2258,
0.0000


 70.8031, 52.1472,
15.1304


 5.6063, 2.3804,
0.0000

 92.9846, 70.7610,
24.0123

 2.6456, 0.8158,
0.0000

 119.3734, 93.3482,
35.8274

 0.9692, 0.0000,
0.0000


 150.3347,
120.2933, 50.9943


 0.0000, 0.0000,
0.0000


 186.2340,


151.9807, 69.9316


 227.4366,
188.7946, 93.0578


 25.8485, 16.3024,
1.8992


 25.8485, 16.3024,
1.8992


 25.6691, 15.9791,
1.7314

 26.8954, 18.1677,
2.9535

 28.2900, 20.4933,
4.8478

 30.0779, 23.3158,
7.7661

 32.2925, 26.6651,
11.8331

 34.9629, 30.5684,
17.1552

■ 38.1155, 35.0505,
23.8264

■ 41.7746, 40.1350,
31.9320

■ 45.9625, 45.8438,
41.5498

■ 50.7002, 52.1979,
52.7522

Harmonies

Analogous

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



31.4500, 16.3024, 8.3460



25.8485, 16.3024, 1.8992



18.2477, 16.3024, 0.4593

Triad

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



25.8485, 16.3024, 1.8992



5.9059, 16.3024, 11.2882



20.0090, 16.3024, 81.9788

Complementary

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



25.8485, 16.3024, 1.8992



19.4203, 22.0858, 57.8826

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.



13.0340, 16.3024, 85.2808



25.8485, 16.3024, 1.8992



6.1243, 16.3024, 32.4230

Square

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



25.8485, 16.3024, 1.8992



7.6366, 16.3024, 2.7184



8.3575, 16.3024, 62.9863



27.4574, 16.3024, 55.8093

Rectangle

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



25.8485, 16.3024, 1.8992



13.6492, 16.3024, 0.4100



8.3575, 16.3024, 62.9863



17.5000, 16.3024, 86.2620

Sweetspot

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



25.8488, 16.3034, 1.8995



71.3744, 68.1757, 53.1404



28.4454, 14.1993, 25.2613



14.6786, 13.7632, 10.0413



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.8488, 16.3034, 1.8995



44.2552, 27.2904, 2.9351



37.1286, 38.8629, 5.6594



10.9076, 11.1843, 11.1467



16.3940, 10.3051, 1.1250



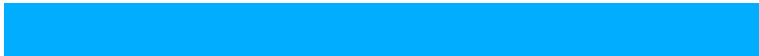
0.8423, 0.6201, 0.0753

Inverse Universe

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



19.4203, 22.0858, 57.8826



32.9989, 37.1178, 100.0330



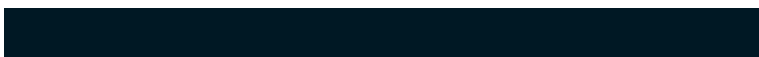
11.2320, 5.7092, 55.1532



10.6482, 11.4704, 13.5703



12.2847, 13.9633, 36.7921



0.6451, 0.7881, 1.7633

Previews

White Background



This preview shows how the XYZ color 25.8485, 16.3024, 1.8992 looks on a white 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

Black Background



This preview shows how the XYZ color 25.8485, 16.3024, 1.8992 looks on a black 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

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

XYZ 25.8485, 16.3024, 1.8992

Background



This preview shows how black text looks on a background with the XYZ color 25.8485, 16.3024, 1.8992.



This preview shows how white text looks on a background with the XYZ color 25.8485, 16.3024,

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

25.8485, 16.3024, 1.8992

Protanopia

14.7929, 16.3764, 3.0908

Deuteranopia

16.5854, 16.3550, 2.2827



Tritanopia

26.7934, 16.2561, 6.8798

Trichromacy



Original Color

25.8485, 16.3024, 1.8992

Protanomaly

17.5955, 15.2703, 2.4720

Deuteranomaly

19.1425, 15.5490, 2.0211

Tritanomaly

26.3568, 16.2587, 4.0346

Monochromacy



Original Color

25.8485, 16.3024, 1.8992

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

14.5972, 12.5953, 6.6628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8485, 16.3024, 1.8992 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(200, 67, 4)` looks like.

```
.text, #text, p{  
    color:rgb(200, 67, 4)  
}
```

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(200, 67, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 67, 4) }
```

Border

The CSS property to change the border of an element to XYZ 25.8485, 16.3024, 1.8992 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(200, 67, 4) }
```


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

```
.border{ border-color:rgb(200, 67, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 67, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 67, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 67, 4);  
box-shadow:4px 4px 4px 4px rgb(200, 67, 4)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.8485, 16.3024, 1.8992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 67, 4) }
```

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

```
.background{ background-color: rgb(200, 67,  
4) }
```

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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