

Converting Colors

XYZ(25.3843, 16.2037, 1.9665)

Have a look what the booklet for
XYZ(25.3843, 16.2037, 1.9665)
contains.

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Color

**XYZ(25.4497, 16.2752,
1.9724)**

Conversions

Conversions Part 1

Format	Color
Hex	C64506
RGB	198, 69, 6
RGB Percent	78%, 27%, 2%
CMY	0.2235, 0.7294, 0.9765
CMYK	0.00, 0.65, 0.97, 0.22
HSL	20°, 94%, 40%
HSV	20°, 97%, 78%
XYZ	25.4497, 16.2752, 1.9724
YIQ	100.3890, 97.1070, 7.7550

Conversions

Conversions Part 2

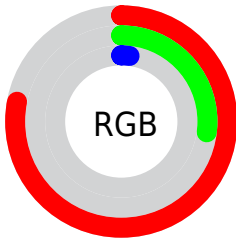
Format	Color
R _Y B	198, 100, 6
Decimal	12993798
CIE Lab	47.33, 49.28, 56.67
CIE LCh	47, 75.099, 48.990
Yxy	16.2752, 0.5824, 0.3725
Android (android.graphics.Color)	4291183878 (0xFFC64506)
YUV	100.3890, -46.5338, 85.6048
Hunter-Lab	40.3425, 42.0056, 25.3410

Details

The XYZ color **25.4497, 16.2752, 1.9724** 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 **18.9313, 21.4422, 56.5666**, and the grayscale version is **12.3116, 12.9528, 14.1056**.

A 20% lighter version of the original color is **49.1925, 35.7737, 8.8697**, and **10.0242, 5.2160, 0.4785** is the 20% darker color. If you saturate the color by 10%, you get **25.1774, 15.7834, 1.7195**, and if you desaturate by 10%, it is **26.5136, 18.1610, 3.0738**.

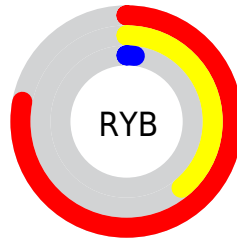
Distribution



Red (78%)

Green (27%)

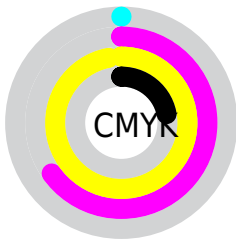
Blue (2%)



Red (78%)

Yellow (39%)

Blue (2%)

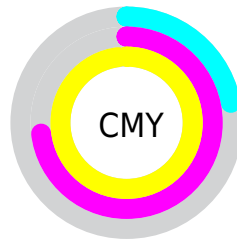


Cyan (0%)

Magenta (65%)

Yellow (97%)

Black (22%)



Cyan (22%)

Magenta (73%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4497, 16.2752, 1.9724 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 25.4497, 16.2752, 1.9724 by changing the saturation by 10% instead.

■ 25.4497, 16.2752,
1.9724

■ 25.4497, 16.2752,
1.9724

272.3766,
230.9602, 121.9467

■ 16.5429, 9.7191,
0.5382

■ 51.8235, 37.0753,
8.9652

■ 10.0024, 5.2131,
0.0000

■ 70.0212, 52.0881,
15.4206

■ 5.4628, 2.3728,
0.0000

■ 92.0466, 70.6886,
24.4067

■ 2.5588, 0.8119,
0.0000

■ 118.2651, 93.2612,
36.3420


■ 0.9250, 0.0000,
0.0000


■ 149.0420,
120.1902, 51.6452


■ 0.0000, 0.0000,
0.0000


■ 184.7426,


151.8601, 70.7346


 225.7324,
188.6553, 94.0290


 25.4497, 16.2752,
1.9724


 25.4497, 16.2752,
1.9724


 25.1774, 15.7834,
1.7195

 26.5136, 18.1610,
3.0738

 27.9216, 20.4952,
5.0283

 29.7141, 23.3114,
7.9960

 31.9227, 26.6376,
12.0958

 34.5753, 30.4993,
17.4302

■ 37.6971, 34.9203,
24.0897

■ 41.3113, 39.9227,
32.1565

■ 45.4392, 45.5274,
41.7060

■ 50.1012, 51.7542,
52.8081

Harmonies

Analogous

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



30.9534, 16.2752, 8.2873



25.4497, 16.2752, 1.9724



18.0376, 16.2752, 0.5518

Triad

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



25.4497, 16.2752, 1.9724



6.0168, 16.2752, 11.6152



20.0064, 16.2752, 79.6509

Complementary

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



25.4497, 16.2752, 1.9724



18.9313, 21.4422, 56.5666

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.



13.1568, 16.2752, 83.2917



25.4497, 16.2752, 1.9724



6.2652, 16.2752, 32.4798

Square

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



25.4497, 16.2752, 1.9724



7.6969, 16.2752, 2.9275



8.5130, 16.2752, 62.1064



27.2410, 16.2752, 54.1694

Rectangle

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



25.4497, 16.2752, 1.9724



13.5587, 16.2752, 0.5196



8.5130, 16.2752, 62.1064



17.5510, 16.2752, 83.9213

Sweetspot

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



25.4500, 16.2762, 1.9727



71.4929, 68.4129, 53.1799



27.8834, 13.9479, 24.9650



14.7064, 13.8188, 10.0505



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.



25.4500, 16.2762, 1.9727



44.3856, 27.5512, 2.9785



36.3831, 38.1422, 5.6170



10.9134, 11.1960, 11.1486



16.4438, 10.4048, 1.1416



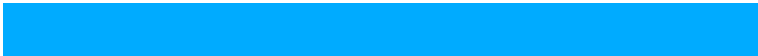
0.8452, 0.6258, 0.0762

Inverse Universe

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



18.9313, 21.4422, 56.5666



32.6733, 36.4666, 99.9244



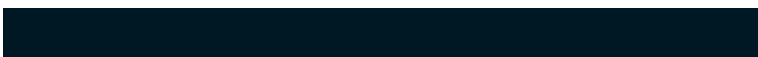
11.0681, 5.7159, 53.9455



10.6421, 11.4582, 13.5682



12.1664, 13.7268, 36.7527



0.6402, 0.7782, 1.7616

Previews

White Background



This preview shows how the XYZ color 25.4497, 16.2752, 1.9724 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 25.4497, 16.2752, 1.9724 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 25.4497, 16.2752, 1.9724

Background



This preview shows how black text looks on a background with the XYZ color 25.4497, 16.2752, 1.9724.



This preview shows how white text looks on a background with the XYZ color 25.4497, 16.2752,

1.9724.

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

25.4497, 16.2752, 1.9724

Protanopia

14.8023, 16.3802, 3.1406

Deuteranopia

16.5854, 16.3550, 2.2827



Tritanopia

26.4300, 16.2263, 7.2078

Trichromacy



Original Color

25.4497, 16.2752, 1.9724

Protanomaly

17.5051, 15.3591, 2.5322

Deuteranomaly

19.0296, 15.6196, 2.0694

Tritanomaly

25.9751, 16.2280, 4.2459

Monochromacy



Original Color

25.4497, 16.2752, 1.9724

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

14.7091, 12.7723, 6.8443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4497, 16.2752, 1.9724 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(198, 69, 6)` looks like.

```
.text, #text, p{  
    color:rgb(198, 69, 6)  
}
```

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(198, 69, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 69, 6) }
```

Border

The CSS property to change the border of an element to XYZ 25.4497, 16.2752, 1.9724 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(198, 69, 6) }
```


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

```
.border{ border-color:rgb(198, 69, 6) }
```

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

Here you see how a box with a 4 pixel rgb(198, 69, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 69, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 69, 6);  
box-shadow:4px 4px 4px 4px rgb(198, 69, 6)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.4497, 16.2752, 1.9724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 69, 6) }
```

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

```
.background{ background-color: rgb(198, 69,  
6) }
```

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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