

Converting Colors

XYZ(25.6626, 17.4491, 2.2443)

Have a look what the booklet for
XYZ(25.6626, 17.4491, 2.2443)
contains.

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Color

**XYZ(25.6774, 17.4906,
2.2524)**

Conversions

Conversions Part 1

Format	Color
Hex	C45008
RGB	196, 80, 8
RGB Percent	77%, 31%, 3%
CMY	0.2314, 0.6862, 0.9686
CMYK	0.00, 0.59, 0.96, 0.23
HSL	23°, 92%, 40%
HSV	23°, 96%, 77%
XYZ	25.6774, 17.4906, 2.2524
YIQ	106.4760, 92.2480, 2.2000

Conversions

Conversions Part 2

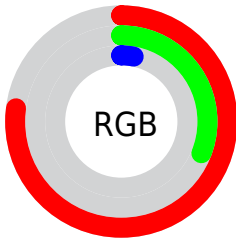
Format	Color
RYB	196, 125, 8
Decimal	12865544
CIELab	48.87, 43.60, 56.95
CIElCh	49, 71.724, 52.558
Yxy	17.4906, 0.5653, 0.3851
Android (android.graphics.Color)	4291055624 (0xFFC45008)
YUV	106.4760, -48.5487, 78.5125
Hunter-Lab	41.8218, 36.4059, 26.0820

Details

The XYZ color **25.6774, 17.4906, 2.2524** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **17.2710, 18.4513, 54.8752**, and the grayscale version is **13.9430, 14.6691, 15.9746**.

A 20% lighter version of the original color is **50.5529, 38.4052, 9.5990**, and **10.2009, 5.8071, 0.5832** is the 20% darker color. If you saturate the color by 10%, you get **25.2855, 16.7772, 1.9056**, and if you desaturate by 10%, it is **26.8055, 19.4893, 3.4229**.

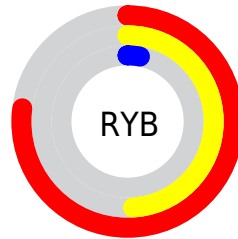
Distribution



Red (77%)

Green (31%)

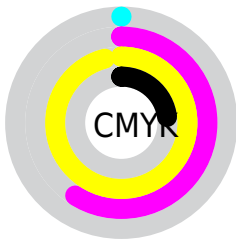
Blue (3%)



Red (77%)

Yellow (49%)

Blue (3%)

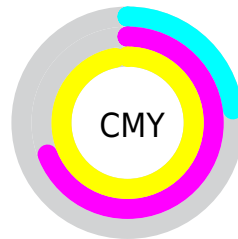


Cyan (0%)

Magenta (59%)

Yellow (96%)

Black (23%)



Cyan (23%)

Magenta (69%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6774, 17.4906, 2.2524 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 25.6774, 17.4906, 2.2524 by changing the saturation by 10% instead.

■ 25.6774, 17.4906,
2.2524

■ 25.6774, 17.4906,
2.2524

273.4807,
237.9839, 126.1806

■ 16.7139, 10.5849,
0.7044

■ 52.1891, 39.1674,
9.7200

■ 10.1247, 5.7884,
0.0000

■ 70.4679, 54.7072,
16.4993

■ 5.5446, 2.7169,
0.0000

■ 92.5826, 73.8940,
25.8671

■ 2.6082, 0.9858,
0.0000

■ 118.8984, 97.1119,
38.2417


■ 0.9502, 0.0000,
0.0000


■ 149.7808,
124.7455, 54.0419


■ 0.0000, 0.0000,
0.0000


■ 185.5951,


157.1791, 73.6860


 226.7066,
194.7971, 97.5927


 25.6774, 17.4906,
2.2524


 25.6774, 17.4906,
2.2524


 25.2855, 16.7772,
1.9056

 26.8055, 19.4893,
3.4229

 28.2517, 21.8821,
5.4456

 30.0504, 24.6955,
8.4622

 32.2295, 27.9516,
12.5861

 34.8137, 31.6709,
17.9148

■ 37.8253, 35.8722,
24.5351

■ 41.2848, 40.5734,
32.5258

■ 45.2114, 45.7912,
41.9591

■ 49.6229, 51.5415,
52.9023

Harmonies

Analogous

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



31.4574, 17.4906, 8.1636



25.6774, 17.4906, 2.2524



18.3368, 17.4906, 0.9189

Triad

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



25.6774, 17.4906, 2.2524



6.8923, 17.4906, 14.6823



22.0305, 17.4906, 76.8690

Complementary

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



25.6774, 17.4906, 2.2524



17.2710, 18.4513, 54.8752

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.



15.0218, 17.4906, 83.3676



25.6774, 17.4906, 2.2524



7.3880, 17.4906, 36.8398

Square

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



25.6774, 17.4906, 2.2524



8.3955, 17.4906, 4.3258



9.9968, 17.4906, 65.4562



28.9901, 17.4906, 51.1297

Rectangle

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



25.6774, 17.4906, 2.2524



13.9951, 17.4906, 0.9970



9.9968, 17.4906, 65.4562



19.5638, 17.4906, 81.8571

Sweetspot

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



25.6778, 17.4916, 2.2527



72.4778, 70.3826, 53.5082



26.6868, 13.4435, 21.2900



14.9375, 14.2811, 10.1276



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.



25.6778, 17.4916, 2.2527



45.5766, 29.9332, 3.3755



37.3588, 40.8537, 6.1464



10.3824, 10.6962, 10.5792



16.3247, 10.9351, 1.2503



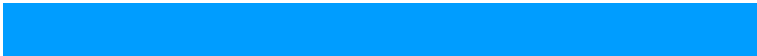
0.7721, 0.6060, 0.0763

Inverse Universe

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



17.2710, 18.4513, 54.8752



30.1634, 31.4468, 99.0878



10.6097, 5.1287, 52.6548



10.0341, 10.7594, 12.8328



10.8754, 11.5073, 35.2045



0.5348, 0.6271, 1.5427

Previews

White Background



This preview shows how the XYZ color 25.6774, 17.4906, 2.2524 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



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 25.6774, 17.4906, 2.2524

Background



This preview shows how black text looks on a background with the XYZ color 25.6774, 17.4906, 2.2524.



This preview shows how white text looks on a background with the XYZ color 25.6774, 17.4906,

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

25.6774, 17.4906, 2.2524

Protanopia

16.0124, 17.6823, 3.2785

Deuteranopia

17.7171, 17.5719, 2.4579



Tritanopia

27.1488, 17.4678, 9.3379

Trichromacy



Original Color

25.6774, 17.4906, 2.2524

Protanomaly

18.5614, 16.9066, 2.7752

Deuteranomaly

20.0907, 17.1203, 2.3318

Tritanomaly

26.2530, 17.2962, 5.3230

Monochromacy



Original Color

25.6774, 17.4906, 2.2524

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.0276, 14.4806, 7.7446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6774, 17.4906, 2.2524 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(196, 80, 8)` looks like.

```
.text, #text, p{  
    color:rgb(196, 80, 8)  
}
```

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(196, 80, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 80, 8) }
```

Border

The CSS property to change the border of an element to XYZ 25.6774, 17.4906, 2.2524 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(196, 80, 8) }
```


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

```
.border{ border-color:rgb(196, 80, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 80, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 80, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 80, 8);  
box-shadow:4px 4px 4px 4px rgb(196, 80, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.6774, 17.4906, 2.2524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 80, 8) }
```

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

```
.background{ background-color: rgb(196, 80,  
8) }
```

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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