

Converting Colors

XYZ(24.6696, 17.4064, 0.7297)

Have a look what the booklet for
XYZ(24.6696, 17.4064, 0.7297)
contains.

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Color

**XYZ(24.9086, 17.5471,
2.0741)**

Conversions

Conversions Part 1

Format	Color
Hex	C05400
RGB	192, 84, 0
RGB Percent	75%, 33%, 0%
CMY	0.2471, 0.6706, 1.0000
CMYK	0.00, 0.56, 1.00, 0.25
HSL	26°, 100%, 38%
HSV	26°, 100%, 75%
XYZ	24.9086, 17.5471, 2.0741
YIQ	106.7160, 91.3320, -3.2280

Conversions

Conversions Part 2

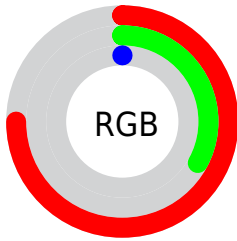
Format	Color
R _Y B	192, 149, 0
Decimal	12604416
CIE Lab	48.94, 40.05, 58.56
CIE LCh	49, 70.939, 55.632
Yxy	17.5471, 0.5594, 0.3941
Android (android.graphics.Color)	4290794496 (0xFFC05400)
YUV	106.7160, -52.6110, 74.7941
Hunter-Lab	41.8893, 32.8352, 26.3868

Details

The XYZ color **24.9086, 17.5471, 2.0741** 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 **14.8767, 14.5303, 51.8895**, and the grayscale version is **14.0205, 14.7506, 16.0635**.

A 20% lighter version of the original color is **50.8865, 39.2052, 9.3002**, and **9.9039, 5.9130, 0.6193** is the 20% darker color. If you saturate the color by 10%, you get **24.9088, 17.5477, 2.0742**, and if you desaturate by 10%, it is **25.9322, 19.4037, 3.0038**.

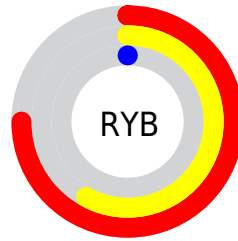
Distribution



Red (75%)

Green (33%)

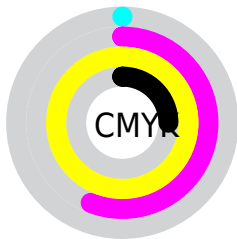
Blue (0%)



Red (75%)

Yellow (58%)

Blue (0%)

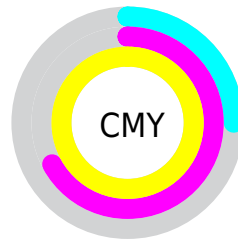


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9086, 17.5471, 2.0741 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 24.9086, 17.5471, 2.0741 by changing the saturation by 10% instead.

■ 24.9086, 17.5471,
2.0741

■ 24.9086, 17.5471,
2.0741

269.7385,
238.3057, 123.5170

■ 16.1373, 10.6253,
0.6003

■ 50.9529, 39.2641,
9.2424

■ 9.7129, 5.8155,
0.0000

■ 68.9566, 54.8280,
15.8179

■ 5.2698, 2.7332,
0.0000

■ 90.7685, 74.0415,
24.9456

■ 2.4428, 0.9941,
0.0000

■ 116.7540, 97.2890,
37.0441

■ 0.8665, 0.0000,
0.0000


■ 147.2784,
124.9547, 52.5320


■ 0.0000, 0.0000,
0.0000


■ 182.7070,


157.4231, 71.8277


 223.4053,
195.0787, 95.3499


 24.9086, 17.5471,
2.0741

 24.9086, 17.5471,
2.0741


 24.9088, 17.5477,
2.0742

 25.9322, 19.4037,
3.0038

 27.2080, 21.5759,
4.5986

 28.7840, 24.0923,
7.0836

 30.6866, 26.9711,
10.5735

 32.9387, 30.2292,
15.1660

■ 35.5608, 33.8818,
20.9468

■ 38.5716, 37.9432,
27.9930

■ 41.9883, 42.4270,
36.3753

■ 45.8270, 47.3461,
46.1590

Harmonies

Analogous

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



30.9209, 17.5471, 7.3088



24.9086, 17.5471, 2.0741



17.6624, 17.5471, 0.9543

Triad

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



24.9086, 17.5471, 2.0741



6.9606, 17.5471, 16.4715



22.7865, 17.5471, 74.1087

Complementary

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



24.9086, 17.5471, 2.0741



14.8767, 14.5303, 51.8895

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.



15.7308, 17.5471, 83.0046



24.9086, 17.5471, 2.0741



7.6591, 17.5471, 39.5138

Square

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



24.9086, 17.5471, 2.0741



8.2484, 17.5471, 5.0639



10.4954, 17.5471, 67.4887



29.4863, 17.5471, 47.8108

Rectangle

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



24.9086, 17.5471, 2.0741



13.4893, 17.5471, 1.1322



10.4954, 17.5471, 67.4887



20.3333, 17.5471, 79.7526

Sweetspot

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



24.9090, 17.5481, 2.0744



69.6099, 68.3787, 50.0510



24.4878, 12.3064, 15.4968



14.4205, 13.9820, 9.5220



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.9090, 17.5481, 2.0744



44.8932, 31.3148, 3.6782



37.8983, 43.5268, 6.4042



10.4276, 10.7867, 10.5943



16.8357, 11.9572, 1.4206



0.7959, 0.6536, 0.0842

Inverse Universe

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



14.8767, 14.5303, 51.8895



26.7002, 25.8170, 93.9362



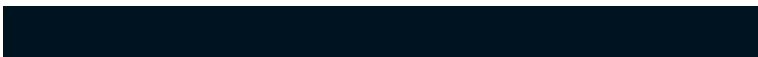
9.6559, 4.0886, 50.1492



9.9877, 10.6668, 12.8173



10.0890, 9.9344, 34.9424



0.5035, 0.5645, 1.5323

Previews

White Background



This preview shows how the XYZ color 24.9086, 17.5471, 2.0741 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 24.9086, 17.5471, 2.0741 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 24.9086, 17.5471, 2.0741

Background



This preview shows how black text looks on a background with the XYZ color 24.9086, 17.5471, 2.0741.



This preview shows how white text looks on a background with the XYZ color 24.9086, 17.5471,

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

24.9086, 17.5471, 2.0741

Protanopia

15.9862, 17.6718, 3.1407

Tritanopia

26.5339, 17.5426, 10.1712

Trichromacy



Original Color

24.9086, 17.5471, 2.0741

Protanomaly

18.4384, 16.9973, 2.6256

Tritanomaly

25.5036, 17.3318, 5.3693

Monochromacy



Original Color

24.9086, 17.5471, 2.0741

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.9865, 14.7443, 7.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9086, 17.5471, 2.0741 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(192, 84, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 84, 0)  
}
```

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(192, 84, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 84, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.9086, 17.5471, 2.0741 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(192, 84, 0) }
```

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

```
.border{ border-color:rgb(192, 84, 0) }
```

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

Here you see how a box with a 4 pixel rgb(192, 84, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 84, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 84, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 84, 0)  
}
```


Background

The CSS property to change the background color of an element to XYZ 24.9086, 17.5471, 2.0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 84, 0) }
```

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

```
.background{ background-color: rgb(192, 84,  
0) }
```

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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