

Converting Colors

XYZ(28.3974, 24.0776, 3.3805)

Have a look what the booklet for
XYZ(28.3974, 24.0776, 3.3805)
contains.

XYZ(28.3974, 24.0776, 3.3805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3974, 24.0776,
3.3805)**

Conversions

Conversions Part 1

Format	Color
Hex	C17508
RGB	193, 117, 8
RGB Percent	76%, 46%, 3%
CMY	0.2431, 0.5412, 0.9686
CMYK	0.00, 0.39, 0.96, 0.24
HSL	35°, 92%, 39%
HSV	35°, 96%, 76%
XYZ	28.3974, 24.0776, 3.3805
YIQ	127.2980, 80.2850, -17.7870

Conversions

Conversions Part 2

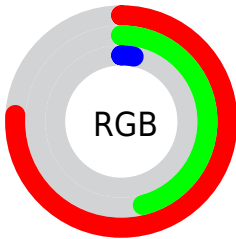
Format	Color
RYB	137, 193, 8
Decimal	12678408
CIELab	56.17, 23.20, 61.56
CIElCh	56, 65.791, 69.350
Yxy	24.0776, 0.5084, 0.4311
Android (android.graphics.Color)	4290868488 (0xFFC17508)
YUV	127.2980, -58.8139, 57.6207
Hunter-Lab	49.0689, 17.4317, 30.2636

Details

The XYZ color **28.3974, 24.0776, 3.3805** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **12.8962, 10.2428, 51.7488**, and the grayscale version is **20.4532, 21.5184, 23.4335**.

A 20% lighter version of the original color is **56.5335, 50.0781, 12.4808**, and **11.7400, 9.1208, 1.1417** is the 20% darker color. If you saturate the color by 10%, you get **27.9774, 23.3080, 3.0243**, and if you desaturate by 10%, it is **29.5188, 26.0685, 4.5317**.

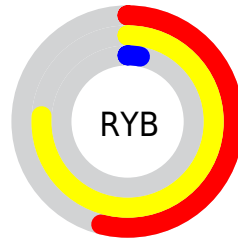
Distribution



Red (76%)

Green (46%)

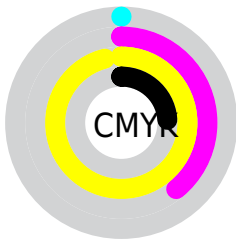
Blue (3%)



Red (54%)

Yellow (76%)

Blue (3%)

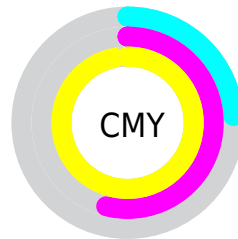


Cyan (0%)

Magenta (39%)

Yellow (96%)

Black (24%)



Cyan (24%)

Magenta (54%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3974, 24.0776, 3.3805 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 28.3974, 24.0776, 3.3805 by changing the saturation by 10% instead.

■ 28.3974, 24.0776,
3.3805

■ 28.3974, 24.0776,
3.3805

286.4068,
273.2126, 141.0684

■ 18.7674, 15.3912,
1.2921

■ 56.5225, 50.1568,
12.5537

■ 11.6054, 9.0944,
0.0553

■ 75.7483, 68.3184,
20.4756

■ 6.5458, 4.8028,
0.0000

■ 98.9035, 90.4072,
31.1790

■ 3.2235, 2.1320,
0.0000

■ 126.3534,
116.8075, 45.0826

■ 1.2730, 0.6825,
0.0000

■ 158.4633,
147.9038, 62.6047


■ 0.1629, 0.0000,
0.0000


■ 195.5986,


■ 0.0000, 0.0000,


184.0805, 84.1640


0.0000


 238.1246,
225.7220, 110.1791


 28.3974, 24.0776,
3.3805


 28.3974, 24.0776,
3.3805


 27.9774, 23.3080,
3.0243

 29.5188, 26.0685,
4.5317

 30.8660, 28.2769,
6.4793

 32.4668, 30.7177,
9.3581

 34.3431, 33.4027,
13.2751

 36.5141, 36.3420,
18.3227

■ 38.9968, 39.5452,
24.5829

■ 41.8068, 43.0211,
32.1301

■ 44.9587, 46.7779,
41.0324

■ 48.4658, 50.8234,
51.3534

Harmonies

Analogous

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



36.0505, 24.0776, 7.7004



28.3974, 24.0776, 3.3805



20.6060, 24.0776, 2.8679

Triad

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



28.3974, 24.0776, 3.3805



11.3392, 24.0776, 33.5700



33.3821, 24.0776, 73.3164

Complementary

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



28.3974, 24.0776, 3.3805



12.8962, 10.2428, 51.7488

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.



25.3262, 24.0776, 92.3835



28.3974, 24.0776, 3.3805



13.3926, 24.0776, 62.4134

Square

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



28.3974, 24.0776, 3.3805



11.8089, 24.0776, 14.1153



18.1366, 24.0776, 87.5622



39.3398, 24.0776, 43.7871

Rectangle

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



28.3974, 24.0776, 3.3805



16.4800, 24.0776, 4.1077



18.1366, 24.0776, 87.5622



30.7658, 24.0776, 81.7388

Sweetspot

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



28.3979, 24.0789, 3.3809



72.9943, 74.7513, 52.4007



23.7222, 12.1685, 9.7111



15.1996, 15.4658, 10.0115



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.



28.3979, 24.0789, 3.3809



49.8600, 41.2484, 5.3338



37.3782, 47.5728, 7.4424



10.5553, 11.0420, 10.6369



18.6888, 15.6633, 2.0383



0.8740, 0.8098, 0.1102

Inverse Universe

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



12.8962, 10.2428, 51.7488



22.0559, 16.5284, 92.3881



10.0756, 4.2113, 50.7333



9.8605, 10.4124, 12.7749



8.3501, 6.4566, 34.3628



0.4286, 0.4145, 1.5073

Previews

White Background



This preview shows how the XYZ color 28.3974, 24.0776, 3.3805 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 28.3974, 24.0776, 3.3805 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 28.3974, 24.0776, 3.3805

Background



This preview shows how black text looks on a background with the XYZ color 28.3974, 24.0776, 3.3805.



This preview shows how white text looks on a background with the XYZ color 28.3974, 24.0776,

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

28.3974, 24.0776, 3.3805

Protanopia

21.8466, 24.3211, 4.0332

Deuteranopia

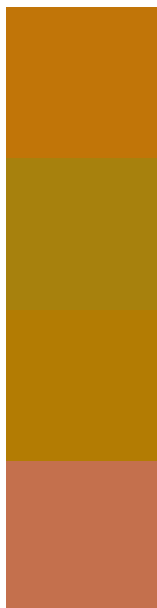
24.5138, 24.0963, 3.3590



Tritanopia

31.7055, 24.0919, 19.8088

Trichromacy



Original Color

28.3974, 24.0776, 3.3805

Protanomaly

23.8593, 23.9451, 3.7451

Deuteranomaly

25.8145, 24.0056, 3.3591

Tritanomaly

29.8987, 23.8599, 10.0508

Monochromacy



Original Color

28.3974, 24.0776, 3.3805

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.4457, 21.3853, 11.3850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3974, 24.0776, 3.3805 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(193, 117, 8)` looks like.

```
.text, #text, p{  
    color:rgb(193, 117, 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(193, 117, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 117, 8) }
```

Border

The CSS property to change the border of an element to XYZ 28.3974, 24.0776, 3.3805 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(193, 117, 8) }
```


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

```
.border{ border-color:rgb(193, 117, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 117, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 117, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 117, 8);  
box-shadow:4px 4px 4px 4px rgb(193, 117,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3974, 24.0776, 3.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 117, 8) }
```

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

```
.background{ background-color: rgb(193,  
117, 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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