

Converting Colors

XYZ(29.0919, 23.9978, 3.9393)

Have a look what the booklet for
XYZ(29.0919, 23.9978, 3.9393)
contains.

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Color

**XYZ(29.0606, 24.0632,
3.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	C47318
RGB	196, 115, 24
RGB Percent	77%, 45%, 9%
CMY	0.2314, 0.5490, 0.9059
CMYK	0.00, 0.41, 0.88, 0.23
HSL	32°, 78%, 43%
HSV	32°, 88%, 77%
XYZ	29.0606, 24.0632, 3.9772
YIQ	128.8450, 77.4870, -11.1290

Conversions

Conversions Part 2

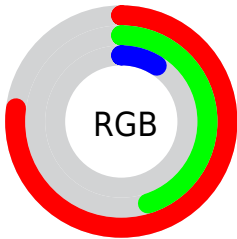
Format	Color
RYB	177, 196, 24
Decimal	12874520
CIELab	56.15, 25.85, 58.04
CIELCh	56, 63.534, 65.996
Yxy	24.0632, 0.5089, 0.4214
Android (android.graphics.Color)	4291064600 (0xFFC47318)
YUV	128.8450, -51.6886, 58.8949
Hunter-Lab	49.0543, 19.9016, 29.5309

Details

The XYZ color **29.0606, 24.0632, 3.9772** 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 **15.3920, 14.2826, 54.1698**, and the grayscale version is **20.9690, 22.0610, 24.0244**.

A 20% lighter version of the original color is **56.4700, 49.4619, 13.9680**, and **12.1016, 9.1307, 1.1246** is the 20% darker color. If you saturate the color by 10%, you get **27.9199, 22.0073, 2.9028**, and if you desaturate by 10%, it is **30.4493, 26.3890, 5.8328**.

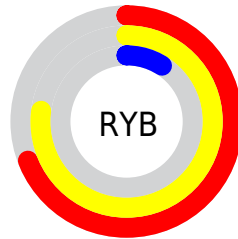
Distribution



Red (77%)

Green (45%)

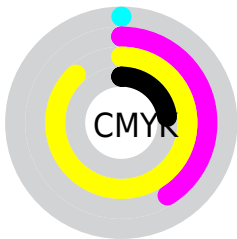
Blue (9%)



Red (69%)

Yellow (77%)

Blue (9%)

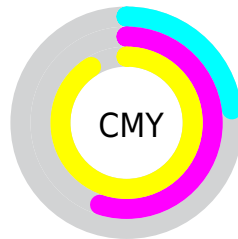


Cyan (0%)

Magenta (41%)

Yellow (88%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0606, 24.0632, 3.9772 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 29.0606, 24.0632, 3.9772 by changing the saturation by 10% instead.

■ 29.0606, 24.0632,
3.9772

■ 29.0606, 24.0632,
3.9772

289.4898,
273.1398, 147.9716

■ 19.2712, 15.3805,
1.6128

■ 57.5702, 50.1333,
13.9571

■ 11.9716, 9.0869,
0.3000

■ 77.0212, 68.2895,
22.4098

■ 6.7964, 4.7979,
0.0000

■ 100.4233, 90.3724,
33.7290

■ 3.3803, 2.1292,
0.0000

■ 128.1421,
116.7662, 48.3332

■ 1.3579, 0.6810,
0.0000

■ 160.5427,
147.8555, 66.6411

■ 0.2259, 0.0000,
0.0000

■ 197.9907,

■ 0.0000, 0.0000,

184.0246, 89.0711

0.0000

240.8512,
225.6579, 116.0417

29.0606, 24.0632,
3.9772

29.0606, 24.0632,
3.9772

27.9199, 22.0073,
2.9028

30.4493, 26.3890,
5.8328

27.6852, 21.5764,
2.7055

32.1191, 28.9996,
8.6373

34.0954, 31.9107,
12.5065

36.3993, 35.1352,
17.5391

39.0499, 38.6848,
23.8226

■ 42.0645, 42.5706,
31.4357

■ 45.4594, 46.8031,
40.4507

■ 49.2493, 51.3920,
50.9348

■ 53.4484, 56.3466,
62.9506

Harmonies

Analogous

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



36.1898, 24.0632, 8.9804



29.0606, 24.0632, 3.9772



21.4382, 24.0632, 3.1217

Triad

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



29.0606, 24.0632, 3.9772



11.5713, 24.0632, 30.6218



32.1384, 24.0632, 73.9489

Complementary

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



29.0606, 24.0632, 3.9772



15.3920, 14.2826, 54.1698

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.



24.3670, 24.0632, 89.8378



29.0606, 24.0632, 3.9772



13.3018, 24.0632, 57.5853

Square

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



29.0606, 24.0632, 3.9772



12.3074, 24.0632, 13.0279



17.6299, 24.0632, 82.6438



38.2146, 24.0632, 46.1594

Rectangle

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



29.0606, 24.0632, 3.9772



17.2612, 24.0632, 4.1474



17.6299, 24.0632, 82.6438



29.5817, 24.0632, 81.3819

Sweetspot

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



29.0611, 24.0645, 3.9776



76.9890, 78.1136, 58.9932



25.7525, 13.4535, 15.1868



16.0441, 16.1679, 11.5022



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.



29.0611, 24.0645, 3.9776



49.8926, 38.5652, 4.8142



41.9309, 50.9005, 8.4792



10.5044, 10.9403, 10.6199



17.8759, 14.0376, 1.7674



0.8409, 0.7436, 0.0992

Inverse Universe

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



15.3920, 14.2826, 54.1698



24.7763, 20.6725, 97.2921



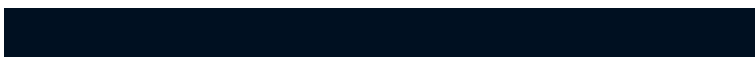
10.7391, 4.8702, 52.5983



9.9106, 10.5126, 12.7916



8.9627, 7.6818, 34.5670



0.4562, 0.4698, 1.5165

Previews

White Background



This preview shows how the XYZ color 29.0606, 24.0632, 3.9772 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 29.0606, 24.0632, 3.9772 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 29.0606, 24.0632, 3.9772

Background



This preview shows how black text looks on a background with the XYZ color 29.0606, 24.0632, 3.9772.



This preview shows how white text looks on a background with the XYZ color 29.0606, 24.0632,

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

29.0606, 24.0632, 3.9772

Protanopia

21.8346, 24.0921, 4.6618

Deuteranopia

24.5864, 24.1253, 3.7416



Tritanopia

32.1716, 24.0326, 19.1628

Trichromacy



Original Color

29.0606, 24.0632, 3.9772

Protanomaly

24.0655, 23.8423, 4.3705

Deuteranomaly

26.0065, 23.9097, 3.7747

Tritanomaly

30.6521, 23.9032, 10.9809

Monochromacy



Original Color

29.0606, 24.0632, 3.9772

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2328, 21.9429, 12.9611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0606, 24.0632, 3.9772 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, 115, 24)` looks like.

```
.text, #text, p{  
    color:rgb(196, 115, 24)  
}
```

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, 115, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 115, 24) }
```

Border

The CSS property to change the border of an element to XYZ 29.0606, 24.0632, 3.9772 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, 115, 24) }
```


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

```
.border{ border-color:rgb(196, 115, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 115, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 115, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 115, 24);  
box-shadow:4px 4px 4px 4px rgb(196, 115,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0606, 24.0632, 3.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 115, 24) }
```

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

```
.background{ background-color: rgb(196,  
115, 24) }
```

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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