

Converting Colors

XYZ(26.2032, 19.8953, 2.8865)

Have a look what the booklet for
XYZ(26.2032, 19.8953, 2.8865)
contains.

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Color

**XYZ(26.0922, 19.7876,
2.8596)**

Conversions

Conversions Part 1

Format	Color
Hex	C0610E
RGB	192, 97, 14
RGB Percent	75%, 38%, 5%
CMY	0.2471, 0.6196, 0.9451
CMYK	0.00, 0.49, 0.93, 0.25
HSL	28°, 86%, 40%
HSV	28°, 93%, 75%
XYZ	26.0922, 19.7876, 2.8596
YIQ	115.9430, 83.2630, -5.6730

Conversions

Conversions Part 2

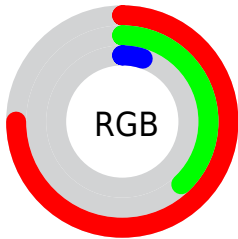
Format	Color
RYB	192, 170, 14
Decimal	12607758
CIELab	51.60, 33.60, 57.10
CIELCh	52, 66.247, 59.528
Yxy	19.7876, 0.5353, 0.4060
Android (android.graphics.Color)	4290797838 (0xFFC0610E)
YUV	115.9430, -50.2579, 66.7020
Hunter-Lab	44.4833, 26.8557, 27.3268

Details

The XYZ color **26.0922, 19.7876, 2.8596** 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 **15.1637, 14.8355, 51.9331**, and the grayscale version is **16.7151, 17.5855, 19.1507**.

A 20% lighter version of the original color is **52.7260, 43.0079, 11.3167**, and **10.5727, 7.0194, 0.7976** is the 20% darker color. If you saturate the color by 10%, you get **25.3550, 18.4402, 2.2230**, and if you desaturate by 10%, it is **27.2995, 21.8856, 4.2393**.

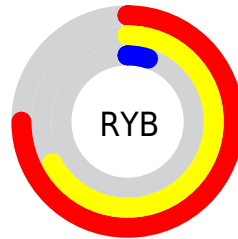
Distribution



Red (75%)

Green (38%)

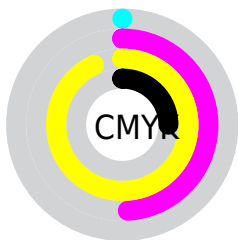
Blue (5%)



Red (75%)

Yellow (67%)

Blue (5%)

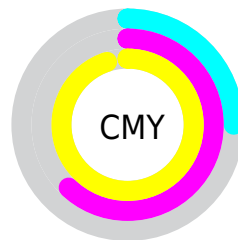


Cyan (0%)

Magenta (49%)

Yellow (93%)

Black (25%)



Cyan (25%)


Magenta (62%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0922, 19.7876, 2.8596 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 26.0922, 19.7876, 2.8596 by changing the saturation by 10% instead.


 26.0922, 19.7876,
2.8596


 26.0922, 19.7876,
2.8596


275.4828,
250.7629, 134.5518


 17.0257, 12.2407,
1.0234


 52.8539, 43.0608,
11.2800

 10.3482, 6.9079,
0.0000


 71.2798, 59.5559,
18.7012


 5.6945, 3.4045,
0.0000

 93.5561, 79.8026,
28.8213

 2.6991, 1.3464,
0.0000

 120.0483,
104.1852, 42.0586

 0.9967, 0.1767,
0.0000

 151.1218,
133.0881, 58.8318

 0.0000, 0.0000,
0.0000

 187.1417,

166.8958, 79.5594

228.4736,
205.9926, 104.6599

26.0922, 19.7876,
2.8596

26.0922, 19.7876,
2.8596

25.3550, 18.4402,
2.2230

27.2995, 21.8856,
4.2393

28.7867, 24.2973,
6.4692

30.5810, 27.0413,
9.6709

32.7053, 30.1332,
13.9455

35.1802, 33.5872,
19.3814

■ 38.0239, 37.4166,
26.0577

■ 41.2536, 41.6338,
34.0462

■ 44.8849, 46.2506,
43.4135

■ 48.9328, 51.2782,
54.2216

Harmonies

Analogous

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



32.3240, 19.7876, 8.0370



26.0922, 19.7876, 2.8596



18.9135, 19.7876, 1.7322

Triad

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



26.0922, 19.7876, 2.8596



8.6749, 19.7876, 21.2438



25.8650, 19.7876, 71.9318

Complementary

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



26.0922, 19.7876, 2.8596



15.1637, 14.8355, 51.9331

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.



18.7019, 19.7876, 83.1235



26.0922, 19.7876, 2.8596



9.7078, 19.7876, 45.1988

Square

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



26.0922, 19.7876, 2.8596



9.7760, 19.7876, 7.7682



13.0231, 19.7876, 71.2573



32.1724, 19.7876, 46.0641

Rectangle

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



26.0922, 19.7876, 2.8596



14.8370, 19.7876, 2.1562



13.0231, 19.7876, 71.2573



23.4298, 19.7876, 78.0356

Sweetspot

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



26.0926, 19.7887, 2.8599



71.3025, 70.9640, 53.0810



24.8143, 12.6882, 16.4416



14.7697, 14.5300, 10.1023



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.



26.0926, 19.7887, 2.8599



45.6956, 32.9197, 3.9457



38.7714, 45.1461, 7.0862



10.4517, 10.8348, 10.6023



17.1378, 12.5613, 1.5213



0.8094, 0.6806, 0.0887

Inverse Universe

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



15.1637, 14.8355, 51.9331



25.6774, 23.7714, 93.5953



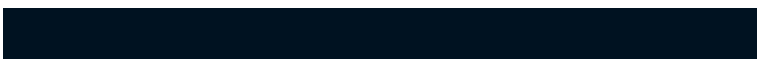
10.0000, 4.5081, 50.2119



9.9634, 10.6181, 12.8092



9.7089, 9.1743, 34.8157



0.4880, 0.5333, 1.5271

Previews

White Background



This preview shows how the XYZ color 26.0922, 19.7876, 2.8596 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 26.0922, 19.7876, 2.8596 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 26.0922, 19.7876, 2.8596

Background



This preview shows how black text looks on a background with the XYZ color 26.0922, 19.7876, 2.8596.



This preview shows how white text looks on a background with the XYZ color 26.0922, 19.7876,

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

26.0922, 19.7876, 2.8596

Protanopia

17.9999, 19.9622, 3.6634

Deuteranopia

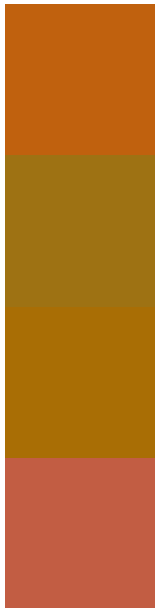
20.0716, 19.7905, 2.7621



Tritanopia

28.3195, 19.7775, 13.6341

Trichromacy



Original Color

26.0922, 19.7876, 2.8596

Protanomaly

20.2354, 19.3507, 3.2846

Deuteranomaly

21.9655, 19.5978, 2.7686

Tritanomaly

27.1756, 19.7033, 7.6810

Monochromacy



Original Color

26.0922, 19.7876, 2.8596

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.3815, 17.4311, 9.7929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0922, 19.7876, 2.8596 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, 97, 14)` looks like.

```
.text, #text, p{  
    color:rgb(192, 97, 14)  
}
```

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, 97, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 97, 14) }
```

Border

The CSS property to change the border of an element to XYZ 26.0922, 19.7876, 2.8596 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, 97, 14) }
```


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

```
.border{ border-color:rgb(192, 97, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 97, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 97, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 97, 14);  
box-shadow:4px 4px 4px 4px rgb(192, 97,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0922, 19.7876, 2.8596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 97, 14) }
```

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

```
.background{ background-color: rgb(192, 97,  
14) }
```

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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