

Converting Colors

XYZ(30.5693, 26.7265, 4.7994)

Have a look what the booklet for
XYZ(30.5693, 26.7265, 4.7994)
contains.

XYZ(30.7212, 26.8858, 4.7986)	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(30.7212, 26.8858,
4.7986)**

Conversions

Conversions Part 1

Format	Color
Hex	C57E1E
RGB	197, 126, 30
RGB Percent	77%, 49%, 12%
CMY	0.2275, 0.5059, 0.8823
CMYK	0.00, 0.36, 0.85, 0.23
HSL	34°, 74%, 45%
HSV	34°, 85%, 77%
XYZ	30.7212, 26.8858, 4.7986
YIQ	136.2850, 73.1320, -14.8040

Conversions

Conversions Part 2

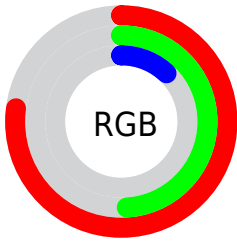
Format	Color
RYB	154, 197, 30
Decimal	12942878
CIELab	58.87, 20.43, 58.44
CIElCh	59, 61.907, 70.731
Yxy	26.8858, 0.4923, 0.4308
Android (android.graphics.Color)	4291132958 (0xFFC57E1E)
YUV	136.2850, -52.3985, 53.2471
Hunter-Lab	51.8515, 15.0183, 30.8091

Details

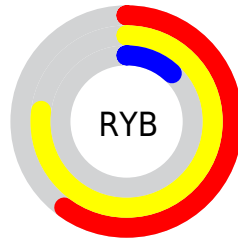
The XYZ color **30.7212, 26.8858, 4.7986** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **15.2670, 13.6142, 54.6461**, and the grayscale version is **23.6808, 24.9141, 27.1314**.

A 20% lighter version of the original color is **58.9603, 54.1403, 15.7301**, and **13.1351, 10.7110, 1.3751** is the 20% darker color. If you saturate the color by 10%, you get **29.5173, 24.7629, 3.5199**, and if you desaturate by 10%, it is **32.1730, 29.2536, 6.9350**.

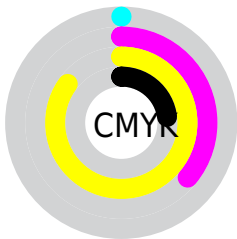
Distribution



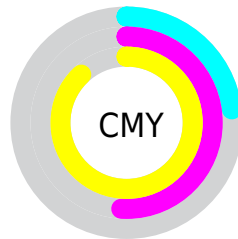
- Red (77%)
- Green (49%)
- Blue (12%)



- Red (60%)
- Yellow (77%)
- Blue (12%)



- Cyan (0%)
- Magenta (36%)
- Yellow (85%)
- Black (23%)




- Cyan (23%)
- Magenta (51%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7212, 26.8858, 4.7986 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 30.7212, 26.8858, 4.7986 by changing the saturation by 10% instead.


 30.7212, 26.8858,
4.7986


 30.7212, 26.8858,
4.7986


297.1017,
287.1038, 156.7265


 20.5374, 17.4875,
2.0729


 60.1797, 54.7006,
15.8133


 12.8968, 10.5827,
0.5996


 80.1851, 73.8858,
24.9394


 7.4340, 5.7870,
0.0000


 104.1952, 97.1021,
37.0360

 3.7837, 2.7160,
0.0000

 132.5751,
124.7339, 52.5218

 1.5805, 0.9853,
0.0000

 165.6904,
157.1655, 71.8152

 0.3797, 0.0000,
0.0000

 203.9064,

 0.0000, 0.0000,

194.7815, 95.3347

0.0000

247.5883,
237.9661, 123.4990

■ 30.7212, 26.8858,
4.7986

■ 30.7212, 26.8858,
4.7986

■ 29.5173, 24.7629,
3.5199

■ 32.1730, 29.2536,
6.9350

■ 28.9589, 23.7364,
3.0553

■ 33.8984, 31.8766,
10.0623

■ 35.9210, 34.7685,
14.2918

■ 38.2608, 37.9406,
19.7194

■ 40.9359, 41.4031,
26.4304

■ 43.9627, 45.1657,
34.5023

■ 47.3564, 49.2372,
44.0065

■ 51.1313, 53.6262,
55.0092

■ 55.3008, 58.3408,
67.5725

Harmonies

Analogous

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



38.3971, 26.8858, 9.4947



30.7212, 26.8858, 4.7986



22.9126, 26.8858, 4.3287

Triad

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



30.7212, 26.8858, 4.7986



13.6571, 26.8858, 37.8372



36.4015, 26.8858, 74.1953

Complementary

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



30.7212, 26.8858, 4.7986



15.2670, 13.6142, 54.6461

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.



28.3913, 26.8858, 93.2178



30.7212, 26.8858, 4.7986



15.9513, 26.8858, 66.2536

Square

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



30.7212, 26.8858, 4.7986



14.0338, 26.8858, 17.4583



21.0016, 26.8858, 89.7486



42.1025, 26.8858, 45.4895

Rectangle

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



30.7212, 26.8858, 4.7986



18.7517, 26.8858, 5.9440



21.0016, 26.8858, 89.7486



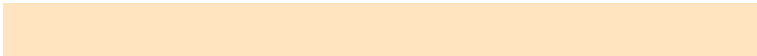
33.8299, 26.8858, 82.4540

Sweetspot

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



30.7218, 26.8872, 4.7991



78.3870, 80.4635, 60.8342



25.9068, 13.7656, 13.9580



16.3513, 16.6971, 11.8674



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.



30.7218, 26.8872, 4.7991



51.6106, 42.0012, 5.3869



40.4178, 50.4484, 8.8358



11.1316, 11.6323, 11.2213



19.1319, 15.7811, 2.0377



0.9766, 0.8887, 0.1201

Inverse Universe

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



15.2670, 13.6142, 54.6461



23.4555, 18.0311, 96.8518



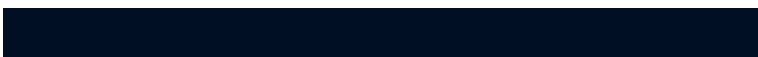
11.4623, 5.4342, 53.2678



10.4212, 11.0164, 13.4946



8.7804, 6.9547, 35.6240



0.4872, 0.4722, 1.7106

Previews

White Background



This preview shows how the XYZ color 30.7212, 26.8858, 4.7986 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 30.7212, 26.8858, 4.7986 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 30.7212, 26.8858, 4.7986

Background



This preview shows how black text looks on a background with the XYZ color 30.7212, 26.8858, 4.7986.



This preview shows how white text looks on a background with the XYZ color 30.7212, 26.8858,

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

30.7212, 26.8858, 4.7986

Protanopia

24.4589, 26.9351, 5.4232

Deuteranopia

27.4298, 26.9818, 4.6820



Tritanopia

34.4843, 26.7855, 23.0913

Trichromacy



Original Color

30.7212, 26.8858, 4.7986

Protanomaly

26.3123, 26.6024, 5.1868

Deuteranomaly

28.6988, 27.0208, 4.7398

Tritanomaly

32.4242, 26.4676, 13.2974

Monochromacy



Original Color

30.7212, 26.8858, 4.7986

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.5095, 24.6347, 14.7724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7212, 26.8858, 4.7986 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(197, 126, 30)` looks like.

```
.text, #text, p{  
    color:rgb(197, 126, 30)  
}
```

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(197, 126, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 126, 30) }
```

Border

The CSS property to change the border of an element to XYZ 30.7212, 26.8858, 4.7986 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(197, 126, 30) }
```


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

```
.border{ border-color:rgb(197, 126, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 126, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 126, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 126, 30);  
box-shadow:4px 4px 4px 4px rgb(197, 126,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7212, 26.8858, 4.7986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 126, 30) }
```

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

```
.background{ background-color: rgb(197,  
126, 30) }
```

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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