

Converting Colors

XYZ(30.5291, 27.2155, 4.5793)

Have a look what the booklet for
XYZ(30.5291, 27.2155, 4.5793)
contains.

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Color

**XYZ(30.4003, 27.1106,
4.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	C38019
RGB	195, 128, 25
RGB Percent	76%, 50%, 10%
CMY	0.2353, 0.4980, 0.9019
CMYK	0.00, 0.34, 0.87, 0.24
HSL	36°, 77%, 43%
HSV	36°, 87%, 76%
XYZ	30.4003, 27.1106, 4.5503
YIQ	136.2910, 72.9950, -17.8290

Conversions

Conversions Part 2

Format	Color
RYB	136, 195, 25
Decimal	12812313
CIELab	59.08, 18.33, 60.04
CIElCh	59, 62.774, 73.019
Yxy	27.1106, 0.4898, 0.4368
Android (android.graphics.Color)	4291002393 (0xFFC38019)
YUV	136.2910, -54.8665, 51.4878
Hunter-Lab	52.0678, 13.1002, 31.2660

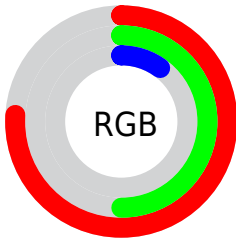
Details

The XYZ color **30.4003, 27.1106, 4.5503** 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 **14.0783, 11.8009, 53.1651**, and the grayscale version is **23.6921, 24.9259, 27.1443**.

A 20% lighter version of the original color is **59.2491, 54.9018, 15.2589**, and **12.9493, 10.8262, 1.4072** is the 20% darker color. If you saturate the color by 10%, you get **29.2908, 25.1243, 3.4638**, and if you desaturate by 10%, it is **31.7303, 29.3089, 6.4177**.

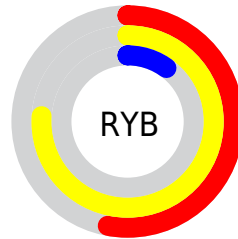
Distribution



Red (76%)

Green (50%)

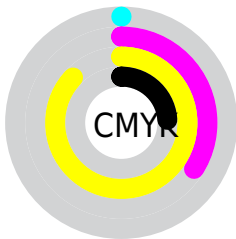
Blue (10%)



Red (53%)

Yellow (76%)

Blue (10%)

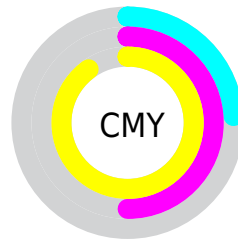


Cyan (0%)

Magenta (34%)

Yellow (87%)

Black (24%)



Cyan (24%)


Magenta (50%)

Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4003, 27.1106, 4.5503 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 30.4003, 27.1106, 4.5503 by changing the saturation by 10% instead.


 30.4003, 27.1106,
4.5503


 30.4003, 27.1106,
4.5503


295.6424,
288.1922, 154.1585


 20.2922, 17.6563,
1.9318


 59.6769, 55.0613,
15.2603


 12.7171, 10.7035,
0.5129


 79.5762, 74.3265,
24.1888


 7.3097, 5.8678,
0.0000


 103.4699, 97.6308,
36.0578

 3.7046, 2.7649,
0.0000

 131.7234,
125.3585, 51.2858

 1.5364, 1.0103,
0.0000

 164.7020,
157.8941, 70.2914

 0.3504, 0.0000,
0.0000

 202.7712,

 0.0000, 0.0000,

195.6220, 93.4930

0.0000

246.2962,
238.9266, 121.3092

30.4003, 27.1106,
4.5503

30.4003, 27.1106,
4.5503

29.2908, 25.1243,
3.4638

31.7303, 29.3089,
6.4177

29.0018, 24.5945,
3.2187

33.3099, 31.7300,
9.2200

35.1626, 34.3869,
13.0702

37.3082, 37.2899,
18.0644

39.7641, 40.4485,
24.2882

■ 42.5464, 43.8714,
31.8185

■ 45.6699, 47.5667,
40.7260

■ 49.1483, 51.5421,
51.0765

■ 52.9944, 55.8049,
62.9313

Harmonies

Analogous

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



38.3601, 27.1106, 8.8441



30.4003, 27.1106, 4.5503



22.5353, 27.1106, 4.3329

Triad

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



30.4003, 27.1106, 4.5503



13.7449, 27.1106, 40.2886



37.4120, 27.1106, 73.3676

Complementary

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



30.4003, 27.1106, 4.5503



14.0783, 11.8009, 53.1651

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.



29.2956, 27.1106, 94.2457



30.4003, 27.1106, 4.5503



16.2855, 27.1106, 69.5815

Square

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



30.4003, 27.1106, 4.5503



13.9222, 27.1106, 18.6685



21.6316, 27.1106, 92.5889



42.9350, 27.1106, 43.9223

Rectangle

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



30.4003, 27.1106, 4.5503



18.4298, 27.1106, 6.1668



21.6316, 27.1106, 92.5889



34.8333, 27.1106, 82.1572

Sweetspot

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



30.4009, 27.1120, 4.5508



76.6128, 79.0697, 58.1329



24.8291, 13.0878, 11.5741



16.3732, 16.8261, 11.6119



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.



30.4009, 27.1120, 4.5508



51.6929, 43.5493, 5.6813



38.0505, 48.5651, 8.2885



10.5695, 11.0704, 10.6416



18.9336, 16.1529, 2.1199



0.8837, 0.8292, 0.1135

Inverse Universe

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



14.0783, 11.8009, 53.1651



22.1504, 16.0735, 94.4048



11.1530, 5.1279, 52.0313



9.8467, 10.3847, 12.7703



8.1970, 6.1505, 34.3117



0.4214, 0.4001, 1.5049

Previews

White Background



This preview shows how the XYZ color 30.4003, 27.1106, 4.5503 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 30.4003, 27.1106, 4.5503 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 30.4003, 27.1106, 4.5503

Background



This preview shows how black text looks on a background with the XYZ color 30.4003, 27.1106, 4.5503.



This preview shows how white text looks on a background with the XYZ color 30.4003, 27.1106,

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

30.4003, 27.1106, 4.5503

Protanopia

24.5414, 27.2072, 5.1204

Deuteranopia

27.6126, 27.0818, 4.4338



Tritanopia

34.3125, 27.0315, 23.8312

Trichromacy



Original Color

30.4003, 27.1106, 4.5503

Protanomaly

26.5317, 27.1450, 4.9398

Deuteranomaly

28.4037, 26.8747, 4.4494

Tritanomaly

32.1366, 26.6802, 13.3535

Monochromacy



Original Color

30.4003, 27.1106, 4.5503

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.4035, 24.7877, 14.5646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4003, 27.1106, 4.5503 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(195, 128, 25)` looks like.

```
.text, #text, p{  
    color:rgb(195, 128, 25)  
}
```

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(195, 128, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 128, 25) }
```

Border

The CSS property to change the border of an element to XYZ 30.4003, 27.1106, 4.5503 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(195, 128, 25) }
```


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

```
.border{ border-color:rgb(195, 128, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 128, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 128, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 128, 25);  
box-shadow:4px 4px 4px 4px rgb(195, 128,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4003, 27.1106, 4.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 128, 25) }
```

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

```
.background{ background-color: rgb(195,  
128, 25) }
```

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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