

Converting Colors

XYZ(26.5490, 16.1317, 1.7144)

Have a look what the booklet for
XYZ(26.5490, 16.1317, 1.7144)
contains.

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Color

**XYZ(26.5706, 16.1749,
1.7216)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3D00
RGB	204, 61, 0
RGB Percent	80%, 24%, 0%
CMY	0.2000, 0.7607, 1.0000
CMYK	0.00, 0.70, 1.00, 0.20
HSL	18°, 100%, 40%
HSV	18°, 100%, 80%
XYZ	26.5706, 16.1749, 1.7216
YIQ	96.8030, 104.8090, 11.3450

Conversions

Conversions Part 2

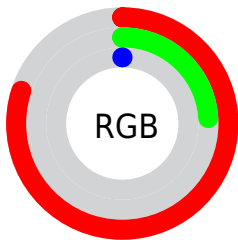
Format	Color
RYB	204, 87, 0
Decimal	13384960
CIELab	47.20, 54.50, 58.77
CIELCh	47, 80.156, 47.158
Yxy	16.1749, 0.5975, 0.3637
Android (android.graphics.Color)	4291575040 (0xFFCC3D00)
YUV	96.8030, -47.7239, 94.0118
Hunter-Lab	40.2180, 47.5469, 25.6146

Details

The XYZ color **26.5706, 16.1749, 1.7216** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20.7200, 24.0015, 60.6670**, and the grayscale version is **11.4103, 12.0046, 13.0730**.

A 20% lighter version of the original color is **48.2491, 34.0563, 8.0335**, and **10.9845, 5.6627, 0.5141** is the 20% darker color. If you saturate the color by 10%, you get **26.5709, 16.1758, 1.7218**, and if you desaturate by 10%, it is **27.5686, 17.9634, 2.6950**.

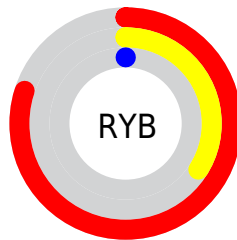
Distribution



Red (80%)

Green (24%)

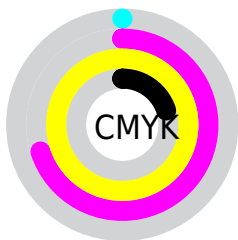
Blue (0%)



Red (80%)

Yellow (34%)

Blue (0%)

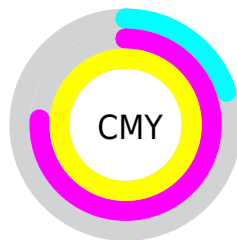


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5706, 16.1749, 1.7216 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 26.5706, 16.1749, 1.7216 by changing the saturation by 10% instead.


 26.5706, 16.1749,
1.7216


 26.5706, 16.1749,
1.7216


 277.7776,
230.3716, 117.8920


 17.3859, 9.6480,
0.3755


 53.6188, 36.9016,
8.2647


 10.6070, 5.1662,
0.0000


 72.2130, 51.8701,
14.4104

 5.8686, 2.3451,
0.0000

 94.6745, 70.4214,
23.0304

 2.8052, 0.7974,
0.0000

 121.3685, 92.9397,
34.5431

 1.0516, 0.0000,
0.0000


 152.6605,
119.8095, 49.3670


 0.0000, 0.0000,
0.0000


 188.9158,


151.4151, 67.9208


 230.4997,
188.1410, 90.6230


 26.5706, 16.1749,
1.7216


 26.5706, 16.1749,
1.7216


 26.5709, 16.1758,
1.7218

 27.5686, 17.9634,
2.6950

 28.9216, 20.2424,
4.4625

 30.6904, 23.0583,
7.2764

 32.9122, 26.4459,
11.2731

 35.6199, 30.4365,
16.5680

■ 38.8427, 35.0590,
23.2626

■ 42.6074, 40.3402,
31.4483

■ 46.9388, 46.3055,
41.2085

■ 51.8603, 52.9788,
52.6207

Harmonies

Analogous

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



32.3270, 16.1749, 8.4546



26.5706, 16.1749, 1.7216



18.5916, 16.1749, 0.2261

Triad

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



26.5706, 16.1749, 1.7216



5.5755, 16.1749, 10.3088



19.7345, 16.1749, 86.9606

Complementary

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



26.5706, 16.1749, 1.7216



20.7200, 24.0015, 60.6670

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.



12.5505, 16.1749, 89.1754



26.5706, 16.1749, 1.7216



5.7111, 16.1749, 31.7446

Square

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



26.5706, 16.1749, 1.7216



7.4159, 16.1749, 2.1991



7.8693, 16.1749, 64.2405



27.6248, 16.1749, 59.4608

Rectangle

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



26.5706, 16.1749, 1.7216



13.7441, 16.1749, 0.1296



7.8693, 16.1749, 64.2405



17.1274, 16.1749, 91.1636

Sweetspot

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



26.5709, 16.1759, 1.7218



70.3012, 66.4446, 51.5030



30.1055, 14.9188, 28.5686



14.4566, 13.3971, 9.7270



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.



26.5709, 16.1759, 1.7218



43.8426, 26.4651, 2.7975



37.4377, 37.9095, 5.3441



11.4813, 11.7515, 11.7426



16.7958, 10.3247, 1.1076



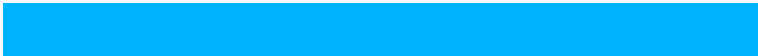
0.9334, 0.6664, 0.0794

Inverse Universe

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



20.7200, 24.0015, 60.6670



34.1176, 39.3551, 100.4059



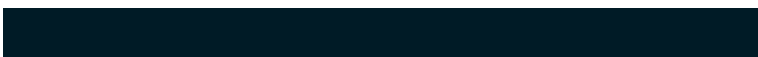
11.8072, 6.1760, 57.6960



11.2490, 12.1384, 14.3204



13.1261, 15.2762, 38.2131



0.7415, 0.9168, 1.9928

Previews

White Background



This preview shows how the XYZ color 26.5706, 16.1749, 1.7216 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5706, 16.1749, 1.7216

Background



This preview shows how black text looks on a background with the XYZ color 26.5706, 16.1749, 1.7216.



This preview shows how white text looks on a background with the XYZ color 26.5706, 16.1749,

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

26.5706, 16.1749, 1.7216

Protanopia

14.8023, 16.3802, 3.1406

Deuteranopia

16.4130, 16.2662, 2.2746



Tritanopia

27.4294, 16.2212, 5.8230

Trichromacy



Original Color

26.5706, 16.1749, 1.7216

Protanomaly

17.5995, 15.0057, 2.3843

Deuteranomaly

19.1732, 15.3117, 1.9449

Tritanomaly

27.0397, 16.1452, 3.5249

Monochromacy



Original Color

26.5706, 16.1749, 1.7216

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

14.1932, 11.9227, 6.1107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5706, 16.1749, 1.7216 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(204, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 61, 0)  
}
```

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(204, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 61, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.5706, 16.1749, 1.7216 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(204, 61, 0) }
```


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

```
.border{ border-color:rgb(204, 61, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 61, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 61, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 61, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 61, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.5706, 16.1749, 1.7216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 61, 0) }
```

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

```
.background{ background-color: rgb(204, 61,  
0) }
```

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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