

Converting Colors

XYZ(27.0044, 19.9690, 3.1167)

Have a look what the booklet for
XYZ(27.0044, 19.9690, 3.1167)
contains.

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Color

**XYZ(26.9925, 19.9743,
3.1422)**

Conversions

Conversions Part 1

Format	Color
Hex	C45F15
RGB	196, 95, 21
RGB Percent	77%, 37%, 8%
CMY	0.2314, 0.6274, 0.9176
CMYK	0.00, 0.52, 0.89, 0.23
HSL	25°, 81%, 43%
HSV	25°, 89%, 77%
XYZ	26.9925, 19.9743, 3.1422
YIQ	116.7630, 83.9500, -1.6020

Conversions

Conversions Part 2

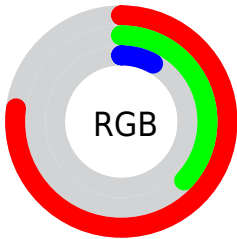
Format	Color
R_{YB}	196, 149, 21
Decimal	12869397
CIE _{Lab}	51.81, 36.38, 55.56
CIE _{LCh}	52, 66.413, 56.788
Yxy	19.9743, 0.5387, 0.3986
Android (android.graphics.Color)	4291059477 (0xFFC45F15)
YUV	116.7630, -47.2112, 69.4908
Hunter-Lab	44.6926, 29.5946, 27.1163

Details

The XYZ color **26.9925, 19.9743, 3.1422** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **17.2320, 18.0629, 54.8024**, and the grayscale version is **16.9591, 17.8423, 19.4302**.

A 20% lighter version of the original color is **52.9097, 42.6218, 11.9168**, and **10.9301, 7.0277, 0.7804** is the 20% darker color. If you saturate the color by 10%, you get **25.9192, 18.0322, 2.1547**, and if you desaturate by 10%, it is **28.3449, 22.2667, 4.8656**.

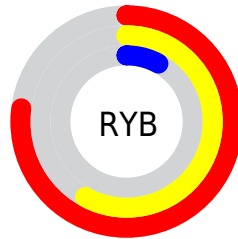
Distribution



Red (77%)

Green (37%)

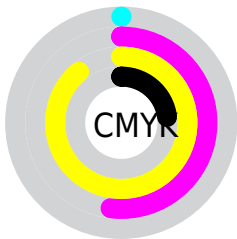
Blue (8%)



Red (77%)

Yellow (58%)

Blue (8%)

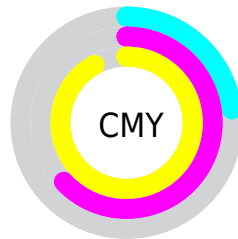


Cyan (0%)

Magenta (52%)

Yellow (89%)

Black (23%)



Cyan (23%)


Magenta (63%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9925, 19.9743, 3.1422 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 26.9925, 19.9743, 3.1422 by changing the saturation by 10% instead.

 26.9925, 19.9743,
3.1422


 26.9925, 19.9743,
3.1422


279.7890,
251.7760, 138.1516


 17.7041, 12.3764,
1.1677


 54.2918, 43.3741,
11.9774


 10.8362, 7.0005,
0.0000


 73.0335, 59.9447,
19.6751


 6.0233, 3.4624,
0.0000


 95.6569, 80.2751,
30.1176

 2.9000, 1.3777,
0.0000

 122.5276,
104.7495, 43.7235

 1.1011, 0.2002,
0.0000

 154.0108,
133.7524, 60.9114


 0.0261, 0.0000,
0.0000


 190.4718,


 0.0000, 0.0000,


167.6682, 82.0996


0.0000


 232.2761,
206.8812, 107.7069


 26.9925, 19.9743,
3.1422


 26.9925, 19.9743,
3.1422


 25.9192, 18.0322,
2.1547

 28.3449, 22.2667,
4.8656

 25.8493, 17.9047,
2.0935

 30.0206, 24.9338,
7.5335

 32.0479, 27.9968,
11.2660

 34.4511, 31.4741,
16.1648

 37.2522, 35.3826,
22.3196

■ 40.4709, 39.7380,
29.8111

■ 44.1257, 44.5553,
38.7133

■ 48.2340, 49.8485,
49.0948

■ 52.8118, 55.6310,
61.0194

Harmonies

Analogous

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



33.0396, 19.9743, 8.9560



26.9925, 19.9743, 3.1422



19.7194, 19.9743, 1.7635

Triad

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



26.9925, 19.9743, 3.1422



8.7734, 19.9743, 19.7373



25.4354, 19.9743, 74.4491

Complementary

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



26.9925, 19.9743, 3.1422



17.2320, 18.0629, 54.8024

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.



18.2690, 19.9743, 83.7111



26.9925, 19.9743, 3.1422



9.6171, 19.9743, 43.0946

Square

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



26.9925, 19.9743, 3.1422



10.0853, 19.9743, 7.1089



12.7420, 19.9743, 69.8310



32.0015, 19.9743, 49.0220

Rectangle

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



26.9925, 19.9743, 3.1422



15.4870, 19.9743, 2.0641



12.7420, 19.9743, 69.8310



22.9736, 19.9743, 80.0298

Sweetspot

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



26.9929, 19.9754, 3.1425



74.4871, 73.5479, 56.8083



26.6134, 13.7043, 20.0090



15.4808, 15.1251, 11.0562



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.



26.9929, 19.9754, 3.1425



46.5853, 31.9506, 3.7118



39.5088, 45.0071, 7.3145



10.4155, 10.7624, 10.5903



16.6908, 11.6674, 1.3723



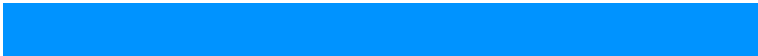
0.7893, 0.6404, 0.0820

Inverse Universe

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



17.2320, 18.0629, 54.8024



28.5092, 28.1384, 98.5364



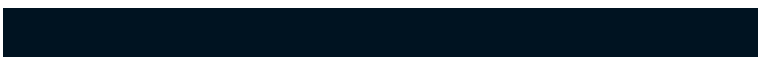
10.8914, 5.3818, 52.6889



10.0001, 10.6916, 12.8214



10.2914, 10.3393, 35.0099



0.5117, 0.5808, 1.5350

Previews

White Background



This preview shows how the XYZ color 26.9925, 19.9743, 3.1422 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 26.9925, 19.9743, 3.1422 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 26.9925, 19.9743, 3.1422

Background



This preview shows how black text looks on a background with the XYZ color 26.9925, 19.9743, 3.1422.



This preview shows how white text looks on a background with the XYZ color 26.9925, 19.9743,

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

26.9925, 19.9743, 3.1422

Protanopia

18.2446, 20.0795, 4.0765

Deuteranopia

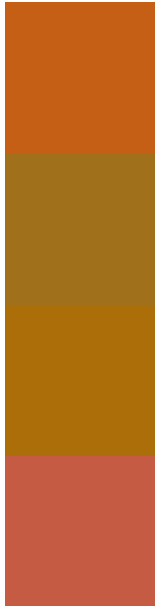
20.3831, 20.1250, 2.8102



Tritanopia

29.1911, 20.1131, 13.1701

Trichromacy



Original Color

26.9925, 19.9743, 3.1422

Protanomaly

20.5888, 19.3584, 3.6287

Deuteranomaly

22.4143, 19.8273, 2.8754

Tritanomaly

28.0732, 19.9053, 7.8313

Monochromacy



Original Color

26.9925, 19.9743, 3.1422

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.8457, 17.6575, 10.3976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9925, 19.9743, 3.1422 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, 95, 21)` looks like.

```
.text, #text, p{  
    color:rgb(196, 95, 21)  
}
```

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, 95, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 95, 21) }
```

Border

The CSS property to change the border of an element to XYZ 26.9925, 19.9743, 3.1422 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, 95, 21) }
```


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

```
.border{ border-color:rgb(196, 95, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 95, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 95, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 95, 21);  
box-shadow:4px 4px 4px 4px rgb(196, 95,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9925, 19.9743, 3.1422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 95, 21) }
```

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

```
.background{ background-color: rgb(196, 95,  
21) }
```

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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