

Converting Colors

XYZ(26.4749, 18.6893, 2.4705)

Have a look what the booklet for
XYZ(26.4749, 18.6893, 2.4705)
contains.

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Color

**XYZ(26.4835, 18.7064,
2.4733)**

Conversions

Conversions Part 1

Format	Color
Hex	C55709
RGB	197, 87, 9
RGB Percent	77%, 34%, 4%
CMY	0.2275, 0.6588, 0.9647
CMYK	0.00, 0.56, 0.95, 0.23
HSL	25°, 91%, 40%
HSV	25°, 95%, 77%
XYZ	26.4835, 18.7064, 2.4733
YIQ	110.9980, 90.5980, -0.9380

Conversions

Conversions Part 2

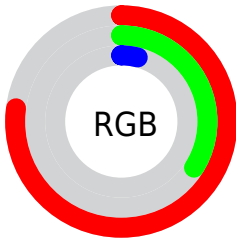
Format	Color
RYB	197, 142, 9
Decimal	12932873
CIELab	50.34, 40.62, 57.74
CIELCh	50, 70.596, 54.875
Yxy	18.7064, 0.5556, 0.3925
Android (android.graphics.Color)	4291122953 (0xFFC55709)
YUV	110.9980, -50.2850, 75.4238
Hunter-Lab	43.2509, 33.6105, 26.8851

Details

The XYZ color **26.4835, 18.7064, 2.4733** 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 **16.7872, 17.2823, 55.2741**, and the grayscale version is **15.2326, 16.0258, 17.4521**.

A 20% lighter version of the original color is **51.4560, 40.1186, 10.1859**, and **10.6225, 6.4126, 0.6779** is the 20% darker color. If you saturate the color by 10%, you get **26.0234, 17.8655, 2.0768**, and if you desaturate by 10%, it is **27.6617, 20.7929, 3.6988**.

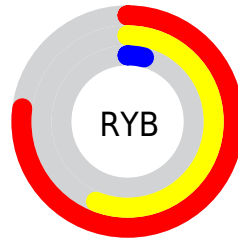
Distribution



Red (77%)

Green (34%)

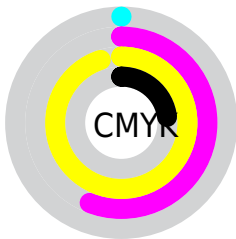
Blue (4%)



Red (77%)

Yellow (56%)

Blue (4%)

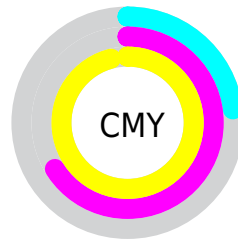


Cyan (0%)

Magenta (56%)

Yellow (95%)

Black (23%)



Cyan (23%)


Magenta (66%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4835, 18.7064, 2.4733 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 26.4835, 18.7064, 2.4733 by changing the saturation by 10% instead.


 26.4835, 18.7064,
2.4733


 26.4835, 18.7064,
2.4733


277.3609,
244.8231, 129.3404

 17.3203, 11.4583,
0.8260


 53.4797, 41.2374,
10.2985


 10.5598, 6.3760,
0.0000


 72.0434, 57.2891,
17.3199


 5.8368, 3.0750,
0.0000

 94.4712, 77.0441,
26.9720

 2.7858, 1.1710,
0.0000

 121.1286,
100.8869, 39.6732


 1.0415, 0.0379,
0.0000


 152.3810,
129.2018, 55.8421


 0.0000, 0.0000,
0.0000


 188.5936,


162.3732, 75.8972


 230.1318,
200.7855, 100.2572


 26.4835, 18.7064,
2.4733


 26.4835, 18.7064,
2.4733


 26.0234, 17.8655,
2.0768

 27.6617, 20.7929,
3.6988

 29.1500, 23.2516,
5.7919

 30.9811, 26.1062,
8.8916

 33.1819, 29.3771,
13.1115

 35.7763, 33.0825,
18.5493

■ 38.7858, 37.2397,
25.2922

■ 42.2301, 41.8646,
33.4192

■ 46.1277, 46.9723,
43.0029

■ 50.4956, 52.5774,
54.1110

Harmonies

Analogous

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



32.6020, 18.7064, 8.2663



26.4835, 18.7064, 2.4733



18.9822, 18.7064, 1.1648

Triad

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



26.4835, 18.7064, 2.4733



7.6248, 18.7064, 17.1818



23.9143, 18.7064, 77.3159

Complementary

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



26.4835, 18.7064, 2.4733



16.7872, 17.2823, 55.2741

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.



16.6294, 18.7064, 85.7528



26.4835, 18.7064, 2.4733



8.3092, 18.7064, 40.7071

Square

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



26.4835, 18.7064, 2.4733



9.0378, 18.7064, 5.4628



11.2286, 18.7064, 69.4052



30.8715, 18.7064, 50.6839

Rectangle

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



26.4835, 18.7064, 2.4733



14.6090, 18.7064, 1.3380



11.2286, 18.7064, 69.4052



21.3792, 18.7064, 82.8830

Sweetspot

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



26.4839, 18.7075, 2.4736



73.0624, 71.5519, 53.7031



26.6241, 13.4659, 19.5439



15.0753, 14.5565, 10.1735



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.



26.4839, 18.7075, 2.4736



46.3738, 31.5277, 3.6413



39.0354, 43.8104, 6.6574



10.9894, 11.3478, 11.1739



17.1951, 11.9074, 1.3921



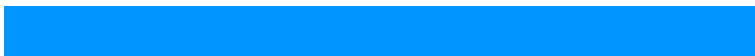
0.8853, 0.7061, 0.0896

Inverse Universe

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



16.7872, 17.2823, 55.2741



28.8285, 28.7771, 98.6428



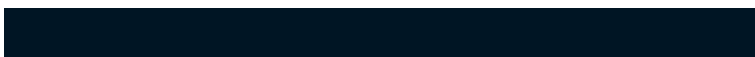
10.6013, 4.9105, 53.2121



10.5636, 11.3013, 13.5421



10.7649, 10.9237, 36.2855



0.5800, 0.6578, 1.7415

Previews

White Background



This preview shows how the XYZ color 26.4835, 18.7064, 2.4733 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 26.4835, 18.7064, 2.4733 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 26.4835, 18.7064, 2.4733

Background



This preview shows how black text looks on a background with the XYZ color 26.4835, 18.7064, 2.4733.



This preview shows how white text looks on a background with the XYZ color 26.4835, 18.7064,

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

26.4835, 18.7064, 2.4733

Protanopia

17.1261, 18.9631, 3.4671

Deuteranopia

18.9662, 18.7100, 2.6118



Tritanopia

28.1753, 18.6989, 10.9283

Trichromacy



Original Color

26.4835, 18.7064, 2.4733

Protanomaly

19.6704, 18.2468, 3.0156

Deuteranomaly

21.1152, 18.2320, 2.4924

Tritanomaly

27.1457, 18.4978, 6.1427

Monochromacy



Original Color

26.4835, 18.7064, 2.4733

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.1427, 15.7479, 8.6147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4835, 18.7064, 2.4733 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, 87, 9)` looks like.

```
.text, #text, p{  
    color:rgb(197, 87, 9)  
}
```

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, 87, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 87, 9) }
```

Border

The CSS property to change the border of an element to XYZ 26.4835, 18.7064, 2.4733 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, 87, 9) }
```


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

```
.border{ border-color:rgb(197, 87, 9) }
```

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

Here you see how a box with a 4 pixel rgb(197, 87, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 87, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 87, 9);  
box-shadow:4px 4px 4px 4px rgb(197, 87, 9)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.4835, 18.7064, 2.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 87, 9) }
```

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

```
.background{ background-color: rgb(197, 87,  
9) }
```

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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