

Converting Colors

XYZ(26.5497, 17.3245, 2.0314)

Have a look what the booklet for
XYZ(26.5497, 17.3245, 2.0314)
contains.

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Color

**XYZ(26.5526, 17.3216,
2.0301)**

Conversions

Conversions Part 1

Format	Color
Hex	C94A03
RGB	201, 74, 3
RGB Percent	79%, 29%, 1%
CMY	0.2118, 0.7098, 0.9882
CMYK	0.00, 0.63, 0.99, 0.21
HSL	22°, 97%, 40%
HSV	22°, 99%, 79%
XYZ	26.5526, 17.3216, 2.0301
YIQ	103.8790, 98.4830, 4.8430

Conversions

Conversions Part 2

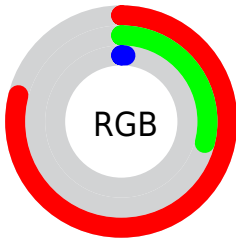
Format	Color
R_{YB}	201, 114, 3
Decimal	13191683
CIE Lab	48.66, 48.14, 58.45
CIE LCh	49, 75.725, 50.527
Yxy	17.3216, 0.5784, 0.3773
Android (android.graphics.Color)	4291381763 (0xFFC94A03)
YUV	103.8790, -49.7333, 85.1751
Hunter-Lab	41.6192, 41.0474, 26.2414

Details

The XYZ color **26.5526, 17.3216, 2.0301** 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 **18.5622, 20.2005, 58.1787**, and the grayscale version is **13.2370, 13.9263, 15.1658**.

A 20% lighter version of the original color is **49.6717, 36.7757, 8.8953**, and **10.6383, 5.7173, 0.5429** is the 20% darker color. If you saturate the color by 10%, you get **26.4098, 17.0626, 1.9015**, and if you desaturate by 10%, it is **27.6430, 19.2799, 3.0805**.

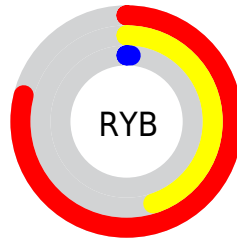
Distribution



Red (79%)

Green (29%)

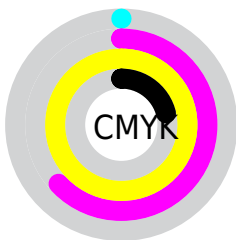
Blue (1%)



Red (79%)

Yellow (45%)

Blue (1%)

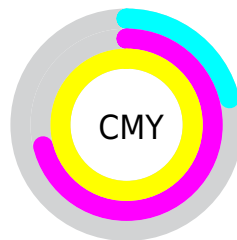


Cyan (0%)

Magenta (63%)

Yellow (99%)

Black (21%)



Cyan (21%)


Magenta (71%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5526, 17.3216, 2.0301 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 26.5526, 17.3216, 2.0301 by changing the saturation by 10% instead.


 26.5526, 17.3216,
2.0301


 26.5526, 17.3216,
2.0301


277.6915,
237.0189, 122.8424


 17.3723, 10.4641,
0.5737


 53.5901, 38.8779,
9.1229


 10.5973, 5.7077,
0.0000


 72.1780, 54.3454,
15.6468


 5.8620, 2.6682,
0.0000

 94.6325, 73.4517,
24.7137

 2.8012, 0.9611,
0.0000

 121.3190, 96.5812,
36.7421

 1.0495, 0.0000,
0.0000


 152.6028,
124.1183, 52.1507


 0.0000, 0.0000,
0.0000


 188.8492,


156.4473, 71.3579


 230.4237,
193.9527, 94.7823


 26.5526, 17.3216,
2.0301


 26.5526, 17.3216,
2.0301


 26.4098, 17.0626,
1.9015

 27.6430, 19.2799,
3.0805

 29.0642, 21.6677,
4.9556

 30.8628, 24.5194,
7.8534

 33.0708, 27.8615,
11.9004

 35.7164, 31.7181,
17.2047

■ 38.8247, 36.1116,
23.8617

■ 42.4190, 41.0627,
31.9572

■ 46.5206, 46.5913,
41.5702

■ 51.1497, 52.7159,
52.7738

Harmonies

Analogous

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



32.4995, 17.3216, 8.3392



26.5526, 17.3216, 2.0301



18.7725, 17.3216, 0.6438

Triad

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



26.5526, 17.3216, 2.0301



6.4578, 17.3216, 13.2159



21.6315, 17.3216, 82.5996

Complementary

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



26.5526, 17.3216, 2.0301



18.5622, 20.2005, 58.1787

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.



14.3524, 17.3216, 87.8354



26.5526, 17.3216, 2.0301



6.8230, 17.3216, 35.8004

Square

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



26.5526, 17.3216, 2.0301



8.1257, 17.3216, 3.4599



9.3215, 17.3216, 66.7988



29.1465, 17.3216, 55.3593

Rectangle

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



26.5526, 17.3216, 2.0301



14.1317, 17.3216, 0.6607



9.3215, 17.3216, 66.7988



19.0390, 17.3216, 87.4935

Sweetspot

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



26.5530, 17.3226, 2.0304



71.3816, 68.6053, 51.8631



28.2642, 14.1404, 22.9624



14.7082, 13.9003, 9.8109



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.



26.5530, 17.3226, 2.0304



45.0194, 28.8187, 3.1898



38.7233, 41.6633, 6.0872



10.9400, 11.2491, 11.1575



16.6849, 10.8870, 1.2220



0.8585, 0.6525, 0.0807

Inverse Universe

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



18.5622, 20.2005, 58.1787



31.2457, 33.6114, 99.4486



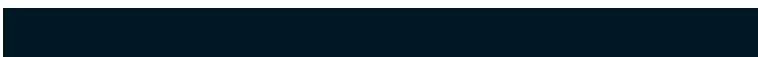
11.1158, 5.3077, 55.6965



10.6144, 11.4029, 13.5590



11.6473, 12.6885, 36.5796



0.6182, 0.7343, 1.7543

Previews

White Background



This preview shows how the XYZ color 26.5526, 17.3216, 2.0301 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



This preview shows how the XYZ color 26.5526, 17.3216, 2.0301 looks on a 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 26.5526, 17.3216, 2.0301

Background



This preview shows how black text looks on a background with the XYZ color 26.5526, 17.3216, 2.0301.



This preview shows how white text looks on a background with the XYZ color 26.5526, 17.3216,

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

26.5526, 17.3216, 2.0301

Protanopia

15.8567, 17.6020, 3.2713

Tritanopia

27.9593, 17.4338, 8.1948

Trichromacy



Original Color

26.5526, 17.3216, 2.0301

Protanomaly

18.4432, 16.4070, 2.6103

Tritanomaly

27.1439, 17.2764, 4.7004

Monochromacy



Original Color

26.5526, 17.3216, 2.0301

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

15.5749, 13.7229, 7.1381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5526, 17.3216, 2.0301 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(201, 74, 3)` looks like.

```
.text, #text, p{  
    color:rgb(201, 74, 3)  
}
```

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(201, 74, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 74, 3) }
```

Border

The CSS property to change the border of an element to XYZ 26.5526, 17.3216, 2.0301 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(201, 74, 3) }
```

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

```
.border{ border-color:rgb(201, 74, 3) }
```

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

Here you see how a box with a 4 pixel rgb(201, 74, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 74, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 74, 3);  
box-shadow:4px 4px 4px 4px rgb(201, 74, 3)  
}
```


Background

The CSS property to change the background color of an element to XYZ 26.5526, 17.3216, 2.0301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 74, 3) }
```

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

```
.background{ background-color: rgb(201, 74,  
3) }
```

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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