

Converting Colors

XYZ(25.4011, 18.9659, 3.3032)

Have a look what the booklet for
XYZ(25.4011, 18.9659, 3.3032)
contains.

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Color

**XYZ(25.4244, 19.0271,
3.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	BE5E1A
RGB	190, 94, 26
RGB Percent	75%, 37%, 10%
CMY	0.2549, 0.6313, 0.8980
CMYK	0.00, 0.51, 0.86, 0.25
HSL	25°, 76%, 42%
HSV	25°, 86%, 75%
XYZ	25.4244, 19.0271, 3.3099
YIQ	114.9520, 79.0440, -0.7960

Conversions

Conversions Part 2

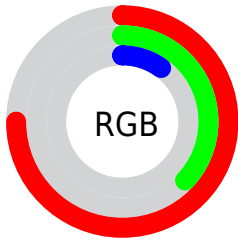
Format	Color
RYB	190, 142, 26
Decimal	12475930
CIELab	50.72, 34.58, 52.61
CIELCh	51, 62.960, 56.685
Yxy	19.0271, 0.5323, 0.3984
Android (android.graphics.Color)	4290666010 (0xFFBE5E1A)
YUV	114.9520, -43.8533, 65.8171
Hunter-Lab	43.6201, 27.7054, 26.0351

Details

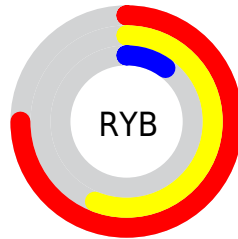
The XYZ color **25.4244, 19.0271, 3.3099** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **16.6795, 17.8556, 51.2824**, and the grayscale version is **16.3938, 17.2475, 18.7825**.

A 20% lighter version of the original color is **51.7633, 41.7890, 12.3590**, and **10.1443, 6.6226, 0.7436** is the 20% darker color. If you saturate the color by 10%, you get **24.3579, 17.1313, 2.2240**, and if you desaturate by 10%, it is **26.7734, 21.2657, 5.1765**.

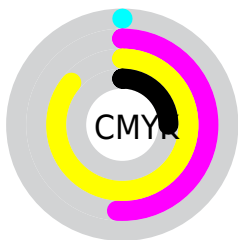
Distribution



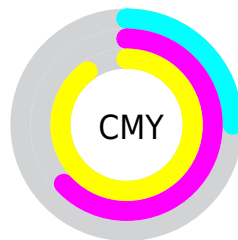
- Red (75%)
- Green (37%)
- Blue (10%)



- Red (75%)
- Yellow (56%)
- Blue (10%)



- Cyan (0%)
- Magenta (51%)
- Yellow (86%)
- Black (25%)



- Cyan (25%)
- Magenta (63%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4244, 19.0271, 3.3099 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 25.4244, 19.0271, 3.3099 by changing the saturation by 10% instead.

■ 25.4244, 19.0271,
3.3099

■ 25.4244, 19.0271,
3.3099

272.2538,
246.5983, 140.2148

■ 16.5239, 11.6899,
1.2550

■ 51.7828, 41.7799,
12.3840

■ 9.9889, 6.5329,
0.0245

■ 69.9715, 57.9642,
20.2403

■ 5.4538, 3.1717,
0.0000

■ 91.9870, 77.8664,
30.8674

■ 2.5534, 1.2220,
0.0000

■ 118.1947,
101.8708, 44.6839

■ 0.9222, 0.0796,
0.0000

■ 148.9598,
130.3617, 62.1084

■ 0.0000, 0.0000,
0.0000

■ 184.6478,

163.7237, 83.5593

225.6240,
202.3411, 109.4553

25.4244, 19.0271,
3.3099

25.4244, 19.0271,
3.3099

24.3579, 17.1313,
2.2240

26.7734, 21.2657,
5.1765

24.0156, 16.5081,
1.9206

28.4347, 23.8655,
7.9588

30.4338, 26.8462,
11.7620

32.7927, 30.2248,
16.6768

35.5312, 34.0170,
22.7834

■ 38.6675, 38.2377,
30.1547

■ 42.2185, 42.9006,
38.8577

■ 46.2001, 48.0192,
48.9546

■ 50.6273, 53.6060,
60.5036

Harmonies

Analogous

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



30.9088, 19.0271, 8.8878



25.4244, 19.0271, 3.3099



18.7802, 19.0271, 1.9334

Triad

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



25.4244, 19.0271, 3.3099



8.6296, 19.0271, 18.8119



23.9605, 19.0271, 68.3980

Complementary

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



25.4244, 19.0271, 3.3099



16.6795, 17.8556, 51.2824

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.



17.4065, 19.0271, 76.6140



25.4244, 19.0271, 3.3099



9.4126, 19.0271, 40.0567

Square

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



25.4244, 19.0271, 3.3099



9.8640, 19.0271, 7.0873



12.3139, 19.0271, 64.1288



29.9373, 19.0271, 45.5804

Rectangle

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



25.4244, 19.0271, 3.3099



14.8843, 19.0271, 2.2304



12.3139, 19.0271, 64.1288



21.7138, 19.0271, 73.3719

Sweetspot

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



25.4248, 19.0281, 3.3102



70.0067, 69.2066, 54.4895



25.2681, 13.1514, 20.4087



14.9172, 14.5889, 10.8794



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4248, 19.0281, 3.3102



43.2885, 29.4522, 3.4033



36.4805, 41.1395, 6.9954



9.8464, 10.1688, 10.0204



16.0427, 11.1242, 1.3016



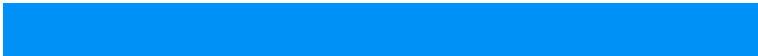
0.6931, 0.5651, 0.0725

Inverse Universe

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



16.6795, 17.8556, 51.2824



26.9350, 26.9219, 92.0559



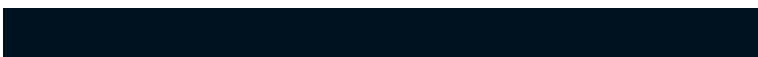
10.5626, 5.6220, 49.2434



9.4679, 10.1282, 12.1281



10.0545, 10.2207, 33.8358



0.4570, 0.5266, 1.3464

Previews

White Background



This preview shows how the XYZ color 25.4244, 19.0271, 3.3099 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 25.4244, 19.0271, 3.3099 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 25.4244, 19.0271, 3.3099

Background



This preview shows how black text looks on a background with the XYZ color 25.4244, 19.0271, 3.3099.



This preview shows how white text looks on a background with the XYZ color 25.4244, 19.0271,

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

25.4244, 19.0271, 3.3099

Protanopia

17.3874, 19.2631, 4.2406

Deuteranopia

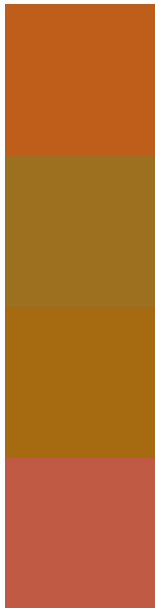
19.3280, 19.0579, 2.9765



Tritanopia

27.5024, 19.1251, 12.8316

Trichromacy



Original Color

25.4244, 19.0271, 3.3099

Protanomaly

19.7388, 18.7500, 3.8071

Deuteranomaly

21.0771, 18.6598, 2.9810

Tritanomaly

26.4686, 18.9485, 7.8926

Monochromacy



Original Color

25.4244, 19.0271, 3.3099

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.9744, 16.8907, 10.4965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4244, 19.0271, 3.3099 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(190, 94, 26)` looks like.

```
.text, #text, p{  
    color:rgb(190, 94, 26)  
}
```

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(190, 94, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 94, 26) }
```

Border

The CSS property to change the border of an element to XYZ 25.4244, 19.0271, 3.3099 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(190, 94, 26) }
```


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

```
.border{ border-color:rgb(190, 94, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 94, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 94, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 94, 26);  
box-shadow:4px 4px 4px 4px rgb(190, 94,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4244, 19.0271, 3.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 94, 26) }
```

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

```
.background{ background-color: rgb(190, 94,  
26) }
```

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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