

Converting Colors

XYZ(25.9279, 19.4007, 4.2119)

Have a look what the booklet for
XYZ(25.9279, 19.4007, 4.2119)
contains.

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Color

**XYZ(25.9279, 19.4007,
4.2119)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5F26
RGB	191, 95, 38
RGB Percent	75%, 37%, 15%
CMY	0.2510, 0.6274, 0.8510
CMYK	0.00, 0.50, 0.80, 0.25
HSL	22°, 67%, 45%
HSV	22°, 80%, 75%
XYZ	25.9279, 19.4007, 4.2119
YIQ	117.2060, 75.5130, 2.6250

Conversions

Conversions Part 2

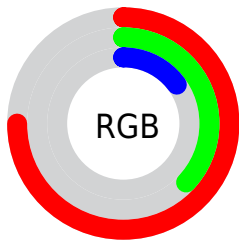
Format	Color
R_{YB}	191, 129, 38
Decimal	12541734
CIE _{Lab}	51.15, 34.82, 48.14
CIE _{LCh}	51, 59.415, 54.119
Yxy	19.4007, 0.5234, 0.3916
Android (android.graphics.Color)	4290731814 (0xFFBF5F26)
YUV	117.2060, -39.0486, 64.7173
Hunter-Lab	44.0462, 27.9935, 25.1628

Details

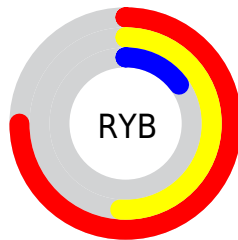
The XYZ color **25.9279, 19.4007, 4.2119** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.7277, 21.2225, 52.3991**, and the grayscale version is **17.0740, 17.9632, 19.5619**.

A 20% lighter version of the original color is **52.6620, 42.4382, 14.4326**, and **10.2985, 6.7021, 0.7508** is the 20% darker color. If you saturate the color by 10%, you get **24.6974, 17.3129, 2.6518**, and if you desaturate by 10%, it is **27.4834, 21.8860, 6.6601**.

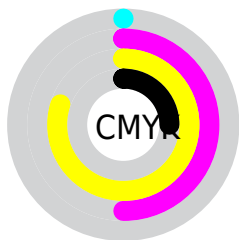
Distribution



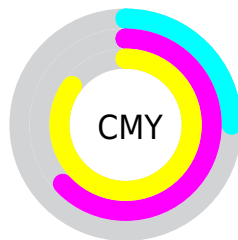
- Red (75%)
- Green (37%)
- Blue (15%)



- Red (75%)
- Yellow (51%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (80%)
- Black (25%)



- Cyan (25%)
- Magenta (63%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9279, 19.4007, 4.2119 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 25.9279, 19.4007, 4.2119 by changing the saturation by 10% instead.

■ 25.9279, 19.4007,
4.2119

■ 25.9279, 19.4007,
4.2119

274.6912,
248.6520, 150.5523

■ 16.9021, 11.9602,
1.7423

■ 52.5907, 42.4101,
14.4956

■ 10.2596, 6.7166,
0.3895

■ 70.9585, 58.7478,
23.1468

■ 5.6350, 3.2855,
0.0000

■ 93.1710, 78.8199,
34.6955

■ 2.6630, 1.2825,
0.0000

■ 119.5935,
103.0110, 49.5604

■ 0.9781, 0.1276,
0.0000

■ 150.5914,
131.7053, 68.1600

■ 0.0000, 0.0000,
0.0000

■ 186.5301,

165.2873, 90.9128

227.7749,
204.1414, 118.2374

■ 25.9279, 19.4007,
4.2119

■ 25.9279, 19.4007,
4.2119

■ 24.6974, 17.3129,
2.6518

■ 27.4834, 21.8860,
6.6601

■ 23.7493, 15.6035,
1.7601

■ 29.3909, 24.7882,
10.1099

■ 31.6755, 28.1291,
14.6585

■ 34.3594, 31.9275,
20.3914

■ 37.4628, 36.2011,
27.3855

■ 41.0045, 40.9668,
35.7110

■ 45.0018, 46.2401,
45.4330

■ 49.4714, 52.0363,
56.6124

■ 54.4289, 58.3697,
69.3062

Harmonies

Analogous

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



30.8667, 19.4007, 10.4267



25.9279, 19.4007, 4.2119



19.6278, 19.4007, 2.4781

Triad

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



25.9279, 19.4007, 4.2119



9.2937, 19.4007, 17.9643



23.4802, 19.4007, 66.8780

Complementary

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



25.9279, 19.4007, 4.2119



18.7277, 21.2225, 52.3991

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.



17.3007, 19.4007, 72.7972



25.9279, 19.4007, 4.2119



9.8962, 19.4007, 37.3950

Square

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



25.9279, 19.4007, 4.2119



10.6846, 19.4007, 7.2217



12.5530, 19.4007, 59.9483



29.2554, 19.4007, 46.4919

Rectangle

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



25.9279, 19.4007, 4.2119



15.8061, 19.4007, 2.6776



12.5530, 19.4007, 59.9483



21.3509, 19.4007, 70.9618

Sweetspot

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



25.9283, 19.4018, 4.2122



70.6292, 69.6126, 57.2831



26.5450, 14.2091, 24.2284



15.0139, 14.6178, 11.4187



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.



25.9283, 19.4018, 4.2122



42.9375, 28.6635, 3.5537



36.3230, 40.1910, 7.6771



9.8135, 10.1031, 10.0095



15.6793, 10.3974, 1.1805



0.6774, 0.5338, 0.0673

Inverse Universe

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



18.7277, 21.2225, 52.3991



29.3436, 31.5552, 92.8233



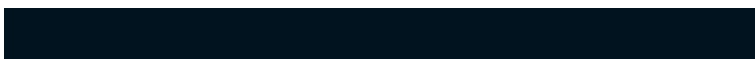
11.7367, 7.2404, 50.0688



9.5017, 10.1957, 12.1394



10.6605, 11.4327, 34.0378



0.4783, 0.5693, 1.3535

Previews

White Background



This preview shows how the XYZ color 25.9279, 19.4007, 4.2119 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 25.9279, 19.4007, 4.2119 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 25.9279, 19.4007, 4.2119

Background



This preview shows how black text looks on a background with the XYZ color 25.9279, 19.4007, 4.2119.



This preview shows how white text looks on a background with the XYZ color 25.9279, 19.4007,

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

25.9279, 19.4007, 4.2119

Protanopia

17.8731, 19.6737, 5.3380

Deuteranopia

19.8062, 19.4545, 3.9395



Tritanopia

27.8861, 19.4403, 13.1091

Trichromacy



Original Color

25.9279, 19.4007, 4.2119

Protanomaly

20.2277, 19.1455, 4.8198

Deuteranomaly

21.5734, 19.0504, 3.9789

Tritanomaly

26.9694, 19.3140, 8.7851

Monochromacy



Original Color

25.9279, 19.4007, 4.2119

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.7317, 17.5712, 11.6368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9279, 19.4007, 4.2119 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(191, 95, 38)` looks like.

```
.text, #text, p{  
    color:rgb(191, 95, 38)  
}
```

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(191, 95, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 95, 38) }
```

Border

The CSS property to change the border of an element to XYZ 25.9279, 19.4007, 4.2119 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(191, 95, 38) }
```


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

```
.border{ border-color:rgb(191, 95, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 95, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 95, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 95, 38);  
box-shadow:4px 4px 4px 4px rgb(191, 95,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9279, 19.4007, 4.2119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 95, 38) }
```

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

```
.background{ background-color: rgb(191, 95,  
38) }
```

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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