

Converting Colors

XYZ(26.4253, 19.1259, 4.5844)

Have a look what the booklet for
XYZ(26.4253, 19.1259, 4.5844)
contains.

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Color

**XYZ(26.4253, 19.1259,
4.5844)**

Conversions

Conversions Part 1

Format	Color
Hex	C25B2B
RGB	194, 91, 43
RGB Percent	76%, 36%, 17%
CMY	0.2392, 0.6431, 0.8314
CMYK	0.00, 0.53, 0.78, 0.24
HSL	19°, 64%, 46%
HSV	19°, 78%, 76%
XYZ	26.4253, 19.1259, 4.5844
YIQ	116.3250, 76.7960, 6.9080

Conversions

Conversions Part 2

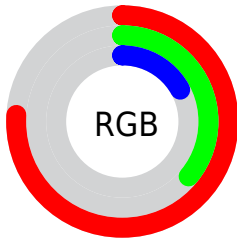
Format	Color
RYB	194, 113, 43
Decimal	12737323
CIELab	50.83, 38.26, 45.65
CIElCh	51, 59.564, 50.038
Yxy	19.1259, 0.5271, 0.3815
Android (android.graphics.Color)	4290927403 (0xFFC25B2B)
YUV	116.3250, -36.1492, 68.1210
Hunter-Lab	43.7332, 31.3237, 24.3980

Details

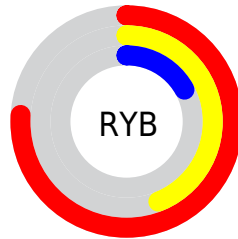
The XYZ color **26.4253, 19.1259, 4.5844** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **21.0120, 24.9648, 54.7500**, and the grayscale version is **16.7920, 17.6665, 19.2388**.

A 20% lighter version of the original color is **52.9942, 41.6776, 15.3767**, and **10.5903, 6.5859, 0.7130** is the 20% darker color. If you saturate the color by 10%, you get **25.1171, 16.9503, 2.7905**, and if you desaturate by 10%, it is **28.1030, 21.7703, 7.3363**.

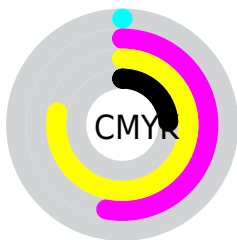
Distribution



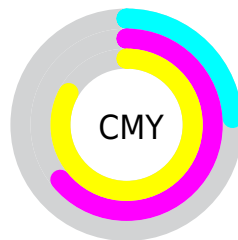
- Red (76%)
- Green (36%)
- Blue (17%)



- Red (76%)
- Yellow (44%)
- Blue (17%)



- Cyan (0%)
- Magenta (53%)
- Yellow (78%)
- Black (24%)





- Cyan (24%)
- Magenta (64%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4253, 19.1259, 4.5844 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 26.4253, 19.1259, 4.5844 by changing the saturation by 10% instead.


 26.4253, 19.1259,
4.5844


 26.4253, 19.1259,
4.5844


277.0822,
247.1429, 154.5150


 17.2764, 11.7613,
1.9511


 53.3867, 41.9467,
15.3366

 10.5283, 6.5813,
0.5250


 71.9299, 58.1717,
24.2926


 5.8156, 3.2017,
0.0000

 94.3353, 78.1190,
36.1932

 2.7728, 1.2379,
0.0000

 120.9682,
102.1729, 51.4570

 1.0348, 0.0923,
0.0000

 152.1940,
130.7179, 70.5026

 0.0000, 0.0000,
0.0000

 188.3781,

164.1383, 93.7484

229.8857,
202.8185, 121.6130

■ 26.4253, 19.1259,
4.5844

■ 26.4253, 19.1259,
4.5844

■ 25.1171, 16.9503,
2.7905

■ 28.1030, 21.7703,
7.3363

■ 24.1351, 15.2066,
1.7838

■ 30.1798, 24.9081,
11.1602

■ 23.9531, 14.8794,
1.6095

■ 32.6834, 28.5659,
16.1549

■ 35.6384, 32.7671,
22.4076

■ 39.0672, 37.5337,
29.9971

■ 42.9909, 42.8863,
38.9958

■ 47.4290, 48.8446,
49.4707

■ 52.4000, 55.4272,
61.4846

■ 57.9215, 62.6519,
75.0966

Harmonies

Analogous

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



30.9629, 19.1259, 11.6040



26.4253, 19.1259, 4.5844



20.2000, 19.1259, 2.4634

Triad

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



26.4253, 19.1259, 4.5844



9.1808, 19.1259, 15.7228



22.3223, 19.1259, 68.2812

Complementary

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



26.4253, 19.1259, 4.5844



21.0120, 24.9648, 54.7500

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.



16.2968, 19.1259, 71.5723



26.4253, 19.1259, 4.5844



9.5097, 19.1259, 33.9652

Square

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



26.4253, 19.1259, 4.5844



10.8333, 19.1259, 6.2074



11.8555, 19.1259, 56.6782



28.2632, 19.1259, 49.2147

Rectangle

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



26.4253, 19.1259, 4.5844



16.2832, 19.1259, 2.4652



11.8555, 19.1259, 56.6782



20.2156, 19.1259, 71.5556

Sweetspot

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



26.4257, 19.1270, 4.5847



73.8446, 72.2030, 61.3114



28.3146, 15.2782, 28.7257



15.6152, 15.0500, 12.1614



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.



26.4257, 19.1270, 4.5847



44.2687, 28.5305, 3.7320



36.3780, 39.0314, 7.9021



10.3287, 10.5889, 10.5614



15.8145, 9.9148, 1.0802



0.7465, 0.5547, 0.0677

Inverse Universe

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



21.0120, 24.9648, 54.7500



33.7681, 38.9476, 98.2077



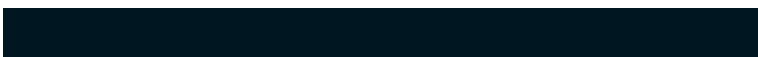
12.9671, 8.8751, 52.0683



10.0898, 10.8709, 12.8513



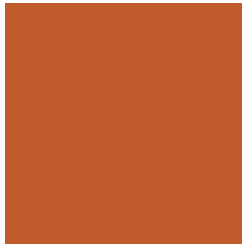
11.9326, 13.6216, 35.5569



0.5753, 0.7081, 1.5562

Previews

White Background



This preview shows how the XYZ color 26.4253, 19.1259, 4.5844 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 26.4253, 19.1259, 4.5844 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 26.4253, 19.1259, 4.5844

Background



This preview shows how black text looks on a background with the XYZ color 26.4253, 19.1259, 4.5844.



This preview shows how white text looks on a background with the XYZ color 26.4253, 19.1259,

4.5844.

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

26.4253, 19.1259, 4.5844

Protanopia

17.5710, 19.3179, 6.0514

Deuteranopia

19.5860, 19.1611, 4.3352



Tritanopia

27.9811, 19.1467, 12.1184

Trichromacy



Original Color

26.4253, 19.1259, 4.5844

Protanomaly

19.9491, 18.6585, 5.4558

Deuteranomaly

21.6687, 18.7794, 4.4022

Tritanomaly

27.2314, 19.0760, 8.7253

Monochromacy



Original Color

26.4253, 19.1259, 4.5844

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.5625, 17.1660, 11.7862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4253, 19.1259, 4.5844 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(194, 91, 43)` looks like.

```
.text, #text, p{  
    color:rgb(194, 91, 43)  
}
```

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(194, 91, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 91, 43) }
```

Border

The CSS property to change the border of an element to XYZ 26.4253, 19.1259, 4.5844 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(194, 91, 43) }
```


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

```
.border{ border-color:rgb(194, 91, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 91, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 91, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 91, 43);  
box-shadow:4px 4px 4px 4px rgb(194, 91,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4253, 19.1259, 4.5844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 91, 43) }
```

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

```
.background{ background-color: rgb(194, 91,  
43) }
```

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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