

Converting Colors

XYZ(26.4381, 19.4975, 4.5681)

Have a look what the booklet for
XYZ(26.4381, 19.4975, 4.5681)
contains.

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Color

**XYZ(26.4129, 19.5100,
4.5642)**

Conversions

Conversions Part 1

Format	Color
Hex	C15E2A
RGB	193, 94, 42
RGB Percent	76%, 37%, 16%
CMY	0.2431, 0.6313, 0.8353
CMYK	0.00, 0.51, 0.78, 0.24
HSL	21°, 64%, 46%
HSV	21°, 78%, 76%
XYZ	26.4129, 19.5100, 4.5642
YIQ	117.6730, 75.6960, 4.8160

Conversions

Conversions Part 2

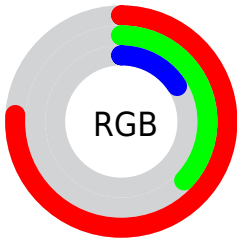
Format	Color
R_{YB}	193, 121, 42
Decimal	12672554
CIE Lab	51.28, 36.29, 46.52
CIE LCh	51, 59.002, 52.044
Yxy	19.5100, 0.5232, 0.3864
Android (android.graphics.Color)	4290862634 (0xFFC15E2A)
YUV	117.6730, -37.3068, 66.0618
Hunter-Lab	44.1701, 29.4419, 24.7925

Details

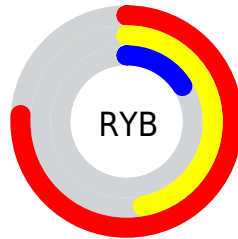
The XYZ color **26.4129, 19.5100, 4.5642** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **20.1046, 23.3907, 53.9069**, and the grayscale version is **17.2146, 18.1111, 19.7229**.

A 20% lighter version of the original color is **53.4072, 42.5731, 15.3001**, and **10.5735, 6.7879, 0.7529** is the 20% darker color. If you saturate the color by 10%, you get **25.1126, 17.3356, 2.8176**, and if you desaturate by 10%, it is **28.0648, 22.1220, 7.2484**.

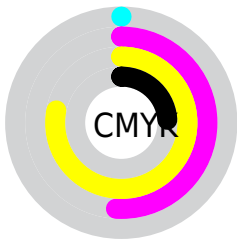
Distribution



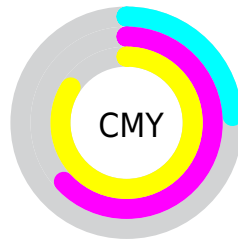
- Red (76%)
- Green (37%)
- Blue (16%)



- Red (76%)
- Yellow (47%)
- Blue (16%)



- Cyan (0%)
- Magenta (51%)
- Yellow (78%)
- Black (24%)





- Cyan (24%)
- Magenta (63%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4129, 19.5100, 4.5642 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 26.4129, 19.5100, 4.5642 by changing the saturation by 10% instead.


 26.4129, 19.5100,
4.5642


 26.4129, 19.5100,
4.5642


277.0228,
249.2500, 154.3040


 17.2671, 12.0394,
1.9397


 53.3669, 42.5941,
15.2914

 10.5216, 6.7705,
0.5178


 71.9058, 58.9764,
24.2311


 5.8110, 3.3190,
0.0000

 94.3064, 79.0980,
36.1131

 2.7701, 1.3004,
0.0000

 120.9341,
103.3434, 51.3557

 1.0334, 0.1416,
0.0000

 152.1542,
132.0968, 70.3775

 0.0000, 0.0000,
0.0000

 188.3321,

165.7428, 93.5972

229.8332,
204.6657, 121.4331

■ 26.4129, 19.5100,
4.5642

■ 26.4129, 19.5100,
4.5642

■ 25.1126, 17.3356,
2.8176

■ 28.0648, 22.1220,
7.2484

■ 24.1205, 15.5643,
1.8306

■ 30.0965, 25.1935,
10.9831

■ 23.9679, 15.2890,
1.6878

■ 32.5341, 28.7486,
15.8659

■ 35.4011, 32.8083,
21.9831

■ 38.7188, 37.3926,
29.4123

■ 42.5070, 42.5200,
38.2250

■ 46.7843, 48.2083,
48.4873

■ 51.5682, 54.4743,
60.2610

■ 56.8754, 61.3342,
73.6044

Harmonies

Analogous

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



31.1379, 19.5100, 11.2517



26.4129, 19.5100, 4.5642



20.1549, 19.5100, 2.5960

Triad

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



26.4129, 19.5100, 4.5642



9.4410, 19.5100, 17.0646



23.1244, 19.5100, 67.6815

Complementary

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



26.4129, 19.5100, 4.5642



20.1046, 23.3907, 53.9069

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.



17.0207, 19.5100, 72.2351



26.4129, 19.5100, 4.5642



9.9065, 19.5100, 35.8795

Square

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



26.4129, 19.5100, 4.5642



10.9743, 19.5100, 6.8924



12.4168, 19.5100, 58.4236



28.9765, 19.5100, 48.0689

Rectangle

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



26.4129, 19.5100, 4.5642



16.2808, 19.5100, 2.6961



12.4168, 19.5100, 58.4236



21.0071, 19.5100, 71.3311

Sweetspot

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



26.4133, 19.5111, 4.5645



72.5480, 71.3263, 60.0589



27.7529, 14.9665, 27.2805



15.0468, 14.5992, 11.6897



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.



26.4133, 19.5111, 4.5645



43.6482, 28.6870, 3.6883



36.3819, 39.4482, 7.8874



10.3505, 10.6325, 10.5686



16.0094, 10.3045, 1.1452



0.7565, 0.5748, 0.0711

Inverse Universe

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



20.1046, 23.3907, 53.9069



31.6239, 35.3721, 95.5210



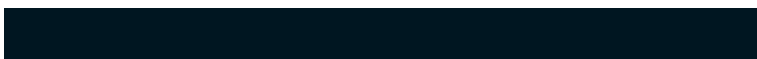
12.5976, 8.3768, 51.4045



10.0670, 10.8254, 12.8438



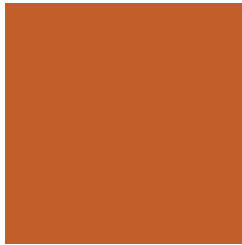
11.4865, 12.7296, 35.4083



0.5585, 0.6743, 1.5506

Previews

White Background



This preview shows how the XYZ color 26.4129, 19.5100, 4.5642 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 26.4129, 19.5100, 4.5642 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 26.4129, 19.5100, 4.5642

Background



This preview shows how black text looks on a background with the XYZ color 26.4129, 19.5100, 4.5642.



This preview shows how white text looks on a background with the XYZ color 26.4129, 19.5100,

4.5642.

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

26.4129, 19.5100, 4.5642

Protanopia

17.9752, 19.7146, 5.8755

Deuteranopia

19.9911, 19.7140, 4.3416



Tritanopia

28.0158, 19.3897, 12.8557

Trichromacy



Original Color

26.4129, 19.5100, 4.5642

Protanomaly

20.2119, 18.9617, 5.2840

Deuteranomaly

21.9669, 19.4020, 4.4209

Tritanomaly

27.1743, 19.2897, 8.9476

Monochromacy



Original Color

26.4129, 19.5100, 4.5642

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.9912, 17.6952, 12.0874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4129, 19.5100, 4.5642 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(193, 94, 42)` looks like.

```
.text, #text, p{  
    color:rgb(193, 94, 42)  
}
```

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(193, 94, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 94, 42) }
```

Border

The CSS property to change the border of an element to XYZ 26.4129, 19.5100, 4.5642 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(193, 94, 42) }
```


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

```
.border{ border-color:rgb(193, 94, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 94, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 94, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 94, 42);  
box-shadow:4px 4px 4px 4px rgb(193, 94,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4129, 19.5100, 4.5642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 94, 42) }
```

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

```
.background{ background-color: rgb(193, 94,  
42) }
```

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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