

Converting Colors

XYZ(25.6581, 19.0374, 2.3510)

Have a look what the booklet for
XYZ(25.6581, 19.0374, 2.3510)
contains.

XYZ(25.6581, 19.0374, 2.3510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.6581, 19.0374,
2.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	C05D01
RGB	192, 93, 1
RGB Percent	75%, 36%, 0%
CMY	0.2471, 0.6353, 0.9961
CMYK	0.00, 0.52, 0.99, 0.25
HSL	29°, 99%, 38%
HSV	29°, 99%, 75%
XYZ	25.6581, 19.0374, 2.3510
YIQ	112.1130, 88.5360, -7.6240

Conversions

Conversions Part 2

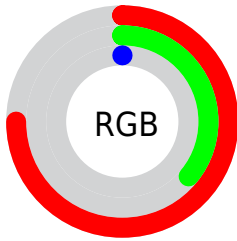
Format	Color
RYB	192, 178, 1
Decimal	12606721
CIELab	50.73, 35.51, 59.36
CIELCh	51, 69.173, 59.110
Yxy	19.0374, 0.5454, 0.4047
Android (android.graphics.Color)	4290796801 (0xFFC05D01)
YUV	112.1130, -54.7787, 70.0609
Hunter-Lab	43.6319, 28.6127, 27.3476

Details

The XYZ color **25.6581, 19.0374, 2.3510** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **14.0840, 12.9263, 51.6215**, and the grayscale version is **15.5728, 16.3838, 17.8420**.

A 20% lighter version of the original color is **52.2626, 41.8697, 10.0297**, and **10.2239, 6.5530, 0.7260** is the 20% darker color. If you saturate the color by 10%, you get **25.6074, 18.9450, 2.3071**, and if you desaturate by 10%, it is **26.7123, 20.9498, 3.3073**.

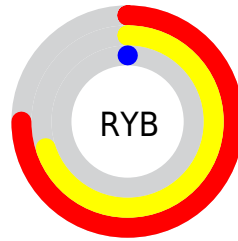
Distribution



Red (75%)

Green (36%)

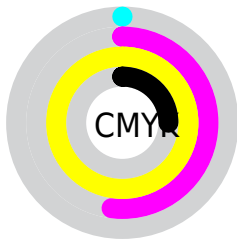
Blue (0%)



Red (75%)

Yellow (70%)

Blue (0%)

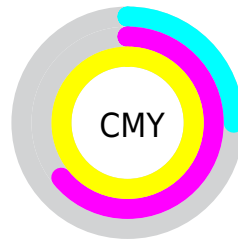


Cyan (0%)

Magenta (52%)

Yellow (99%)

Black (25%)



Cyan (25%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6581, 19.0374, 2.3510 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 25.6581, 19.0374, 2.3510 by changing the saturation by 10% instead.

■ 25.6581, 19.0374,
2.3510

■ 25.6581, 19.0374,
2.3510

273.3872,
246.6552, 127.6089

■ 16.6994, 11.6973,
0.7596

■ 52.1581, 41.7973,
9.9799

■ 10.1144, 6.5379,
0.0000

■ 70.4301, 57.9859,
16.8687

■ 5.5377, 3.1748,
0.0000

■ 92.5372, 77.8927,
26.3650

■ 2.6040, 1.2237,
0.0000

■ 118.8448,
101.9023, 38.8874


■ 0.9480, 0.0809,
0.0000


■ 149.7183,
130.3989, 54.8544


■ 0.0000, 0.0000,
0.0000


■ 185.5229,


163.7670, 74.6847


 226.6241,
202.3909, 98.7967


 25.6581, 19.0374,
2.3510


 25.6581, 19.0374,
2.3510


 25.6074, 18.9450,
2.3071

 26.7123, 20.9498,
3.3073

 28.0061, 23.1456,
4.9464

 29.5830, 25.6495,
7.4759

 31.4681, 28.4774,
11.0094

 33.6830, 31.6436,
15.6432

■ 36.2471, 35.1614,
21.4622

■ 39.1779, 39.0432,
28.5429

■ 42.4918, 43.3005,
36.9552

■ 46.2039, 47.9444,
46.7640

Harmonies

Analogous

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



32.0644, 19.0374, 7.3412



25.6581, 19.0374, 2.3510



18.2980, 19.0374, 1.3152

Triad

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



25.6581, 19.0374, 2.3510



7.9286, 19.0374, 20.1533



25.2174, 19.0374, 73.5559

Complementary

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



25.6581, 19.0374, 2.3510



14.0840, 12.9263, 51.6215

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.



17.8925, 19.0374, 85.0875



25.6581, 19.0374, 2.3510



8.9175, 19.0374, 44.7558

Square

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



25.6581, 19.0374, 2.3510



9.0446, 19.0374, 6.8492



12.1858, 19.0374, 72.2134



31.7685, 19.0374, 46.4569

Rectangle

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



25.6581, 19.0374, 2.3510



14.1482, 19.0374, 1.6701



12.1858, 19.0374, 72.2134



22.7137, 19.0374, 79.9249

Sweetspot

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



25.6585, 19.0385, 2.3513



70.4244, 70.0077, 50.3225



24.1906, 12.2049, 13.8783



14.6126, 14.3662, 9.5860



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.



25.6585, 19.0385, 2.3513



46.1503, 33.8290, 4.0973



39.2253, 46.1719, 6.8736



10.4646, 10.8606, 10.6066



17.3084, 12.9025, 1.5782



0.8168, 0.6955, 0.0912

Inverse Universe

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



14.0840, 12.9263, 51.6215



25.1591, 22.7349, 93.4225



9.6070, 3.9723, 50.1292



9.9504, 10.5922, 12.8049



9.5158, 8.7881, 34.7514



0.4799, 0.5172, 1.5244

Previews

White Background



This preview shows how the XYZ color 25.6581, 19.0374, 2.3510 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 25.6581, 19.0374, 2.3510 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 25.6581, 19.0374, 2.3510

Background



This preview shows how black text looks on a background with the XYZ color 25.6581, 19.0374, 2.3510.



This preview shows how white text looks on a background with the XYZ color 25.6581, 19.0374,

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

25.6581, 19.0374, 2.3510

Protanopia

17.3772, 19.2779, 3.3354

Deuteranopia

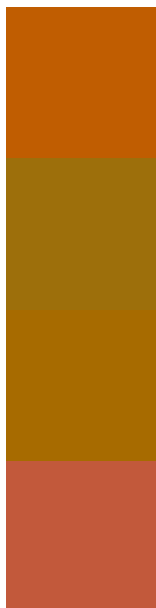
19.2676, 19.0338, 2.6584



Tritanopia

27.8456, 19.1912, 12.3619

Trichromacy



Original Color

25.6581, 19.0374, 2.3510

Protanomaly

19.6495, 18.5611, 2.8636

Deuteranomaly

21.1940, 18.7309, 2.4984

Tritanomaly

26.6099, 18.9299, 6.3890

Monochromacy



Original Color

25.6581, 19.0374, 2.3510

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.2058, 16.2338, 8.3575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6581, 19.0374, 2.3510 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(192, 93, 1)` looks like.

```
.text, #text, p{  
    color:rgb(192, 93, 1)  
}
```

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(192, 93, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 93, 1) }
```

Border

The CSS property to change the border of an element to XYZ 25.6581, 19.0374, 2.3510 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(192, 93, 1) }
```


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

```
.border{ border-color:rgb(192, 93, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 93, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 93, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 93, 1);  
box-shadow:4px 4px 4px 4px rgb(192, 93, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.6581, 19.0374, 2.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 93, 1) }
```

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

```
.background{ background-color: rgb(192, 93,  
1) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor