

Converting Colors

XYZ(25.4205, 18.5735, 2.1754)

Have a look what the booklet for
XYZ(25.4205, 18.5735, 2.1754)
contains.

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Color

**XYZ(25.3944, 18.5188,
2.2361)**

Conversions

Conversions Part 1

Format	Color
Hex	C05A00
RGB	192, 90, 0
RGB Percent	75%, 35%, 0%
CMY	0.2471, 0.6470, 1.0000
CMYK	0.00, 0.53, 1.00, 0.25
HSL	28°, 100%, 38%
HSV	28°, 100%, 75%
XYZ	25.3944, 18.5188, 2.2361
YIQ	110.2380, 89.6820, -6.3660

Conversions

Conversions Part 2

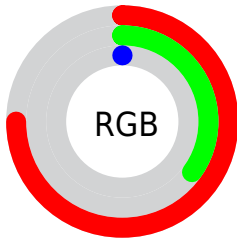
Format	Color
R_{YB}	192, 169, 0
Decimal	12605952
CIE Lab	50.12, 37.04, 59.23
CIE LCh	50, 69.856, 57.981
Yxy	18.5188, 0.5503, 0.4013
Android (android.graphics.Color)	4290796032 (0xFFC05A00)
YUV	110.2380, -54.3473, 71.7053
Hunter-Lab	43.0335, 30.0257, 27.0426

Details

The XYZ color **25.3944, 18.5188, 2.2361** 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 **14.2657, 13.3083, 51.6856**, and the grayscale version is **15.0236, 15.8060, 17.2128**.

A 20% lighter version of the original color is **51.7825, 40.9538, 9.7331**, and **10.1189, 6.3429, 0.6910** is the 20% darker color. If you saturate the color by 10%, you get **25.3945, 18.5193, 2.2361**, and if you desaturate by 10%, it is **26.4343, 20.4080, 3.1713**.

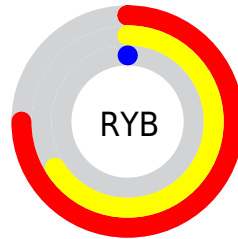
Distribution



Red (75%)

Green (35%)

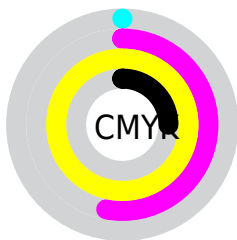
Blue (0%)



Red (75%)

Yellow (66%)

Blue (0%)

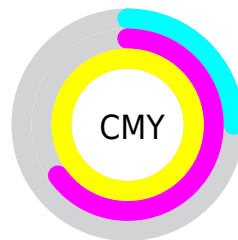


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (65%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3944, 18.5188, 2.2361 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 25.3944, 18.5188, 2.2361 by changing the saturation by 10% instead.


 25.3944, 18.5188,
2.2361


 25.3944, 18.5188,
2.2361


272.1080,
243.7792, 125.9415


 16.5014, 11.3231,
0.6951


 51.7346, 40.9194,
9.6768


 9.9728, 6.2846,
0.0000


 69.9126, 56.8931,
16.4378

 5.4430, 3.0189,
0.0000

 91.9163, 76.5615,
25.7840

 2.5469, 1.1416,
0.0000

 118.1111,
100.3091, 38.1339


 0.9190, 0.0132,
0.0000


 148.8623,
128.5203, 53.9061


 0.0000, 0.0000,
0.0000


 184.5352,


161.5795, 73.5190


 225.4954,
199.8710, 97.3913


 25.3944, 18.5188,
2.2361


 25.3944, 18.5188,
2.2361


 25.3945, 18.5193,
2.2361

 26.4343, 20.4080,
3.1713

 27.7143, 22.5886,
4.7676

 29.2813, 25.0869,
7.2496

 31.1609, 27.9197,
10.7320

 33.3752, 31.1021,
15.3120

■ 35.9439, 34.6479,
21.0751

■ 38.8850, 38.5701,
28.0982

■ 42.2151, 42.8807,
36.4518

■ 45.9497, 47.5913,
46.2008

Harmonies

Analogous

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



31.6842, 18.5188, 7.2932



25.3944, 18.5188, 2.2361



18.0615, 18.5188, 1.1742

Triad

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



25.3944, 18.5188, 2.2361



7.5764, 18.5188, 18.8860



24.3993, 18.5188, 73.8083

Complementary

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



25.3944, 18.5188, 2.2361



14.2657, 13.3083, 51.6856

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.



17.1495, 18.5188, 84.5261



25.3944, 18.5188, 2.2361



8.4671, 18.5188, 43.0348

Square

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



25.3944, 18.5188, 2.2361



8.7502, 18.5188, 6.2042



11.5924, 18.5188, 70.7500



31.0143, 18.5188, 46.8940

Rectangle

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



25.3944, 18.5188, 2.2361



13.9007, 18.5188, 1.4637



11.5924, 18.5188, 70.7500



21.9071, 18.5188, 79.9636

Sweetspot

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



25.3948, 18.5198, 2.2364



70.1843, 69.5275, 50.2424



24.1564, 12.1738, 13.7519



14.5559, 14.2528, 9.5671



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.



25.3948, 18.5198, 2.2364



45.7667, 33.0620, 3.9694



39.2127, 46.1557, 6.8424



10.4537, 10.8389, 10.6030



17.1645, 12.6148, 1.5302



0.8106, 0.6829, 0.0891

Inverse Universe

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



14.2657, 13.3083, 51.6856



25.5936, 23.6038, 93.5674



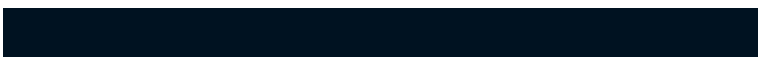
9.5840, 3.9448, 50.1251



9.9613, 10.6140, 12.8085



9.6777, 9.1119, 34.8053



0.4867, 0.5307, 1.5267

Previews

White Background



This preview shows how the XYZ color 25.3944, 18.5188, 2.2361 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



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 25.3944, 18.5188, 2.2361

Background



This preview shows how black text looks on a background with the XYZ color 25.3944, 18.5188, 2.2361.



This preview shows how white text looks on a background with the XYZ color 25.3944, 18.5188,

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

25.3944, 18.5188, 2.2361

Protanopia

16.8093, 18.6243, 3.2392

Deuteranopia

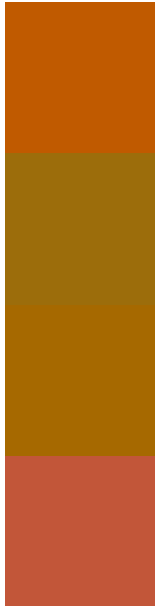
18.7798, 18.6139, 2.6030



Tritanopia

27.4792, 18.6640, 11.6054

Trichromacy



Original Color

25.3944, 18.5188, 2.2361

Protanomaly

19.2393, 18.0294, 2.7826

Deuteranomaly

20.7775, 18.2101, 2.4198

Tritanomaly

26.3144, 18.4203, 6.0394

Monochromacy



Original Color

25.3944, 18.5188, 2.2361

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.7710, 15.7181, 7.9443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3944, 18.5188, 2.2361 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, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 90, 0)  
}
```

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, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 90, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.3944, 18.5188, 2.2361 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, 90, 0) }
```


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

```
.border{ border-color:rgb(192, 90, 0) }
```

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

Here you see how a box with a 4 pixel rgb(192, 90, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.3944, 18.5188, 2.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 90, 0) }
```

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

```
.background{ background-color: rgb(192, 90,  
0) }
```

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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