

Converting Colors

XYZ(25.5046, 15.4328, 2.3441)

Have a look what the booklet for
XYZ(25.5046, 15.4328, 2.3441)
contains.

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Color

**XYZ(25.5187, 15.4614,
2.3488)**

Conversions

Conversions Part 1

Format	Color
Hex	C83B15
RGB	200, 59, 21
RGB Percent	78%, 23%, 8%
CMY	0.2157, 0.7686, 0.9176
CMYK	0.00, 0.70, 0.89, 0.22
HSL	13°, 81%, 43%
HSV	13°, 89%, 78%
XYZ	25.5187, 15.4614, 2.3488
YIQ	96.8270, 96.2340, 18.0740

Conversions

Conversions Part 2

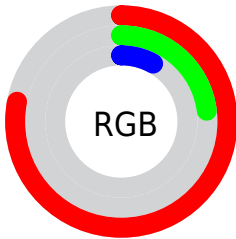
Format	Color
R_{YB}	200, 69, 21
Decimal	13122325
CIE _{Lab}	46.26, 54.20, 51.67
CIE _{LCh}	46, 74.881, 43.632
Yxy	15.4614, 0.5890, 0.3568
Android (android.graphics.Color)	4291312405 (0xFFC83B15)
YUV	96.8270, -37.3827, 90.4827
Hunter-Lab	39.3210, 47.0320, 23.9831

Details

The XYZ color **25.5187, 15.4614, 2.3488** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **23.6531, 30.1668, 59.2192**, and the grayscale version is **11.3930, 11.9863, 13.0531**.

A 20% lighter version of the original color is **48.4762, 33.9637, 9.7950**, and **10.3165, 5.3184, 0.4828** is the 20% darker color. If you saturate the color by 10%, you get **24.6979, 14.0279, 1.4347**, and if you desaturate by 10%, it is **26.7195, 17.4394, 4.0558**.

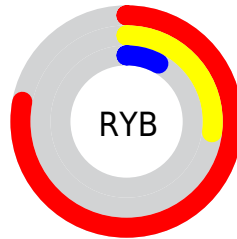
Distribution



Red (78%)

Green (23%)

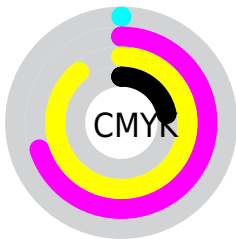
Blue (8%)



Red (78%)

Yellow (27%)

Blue (8%)

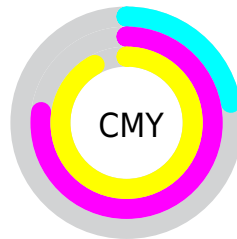


Cyan (0%)

Magenta (70%)

Yellow (89%)

Black (22%)



Cyan (22%)


Magenta (77%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5187, 15.4614, 2.3488 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 25.5187, 15.4614, 2.3488 by changing the saturation by 10% instead.

 25.5187, 15.4614,
2.3488


 25.5187, 15.4614,
2.3488

272.7116,
226.1422, 127.5774


 16.5947, 9.1438,
0.7584


 51.9343, 35.6606,
9.9742


 10.0395, 4.8351,
0.0000


 70.1567, 50.3110,
16.8605

 5.4876, 2.1509,
0.0000

 92.2092, 68.5079,
26.3539

 2.5738, 0.6930,
0.0000

 118.4572, 90.6356,
38.8731

 0.9326, 0.0000,
0.0000


 149.2661,
117.0784, 54.8365


 0.0000, 0.0000,
0.0000


 185.0012,


148.2209, 74.6626


 226.0279,
184.4474, 98.7701


 25.5187, 15.4614,
2.3488


 25.5187, 15.4614,
2.3488


 24.6979, 14.0279,
1.4347


 26.7195, 17.4394,
4.0558

 24.6639, 13.9686,
1.3963

 28.3614, 20.0158,
6.7836

 30.4862, 23.2369,
10.6631

 33.1304, 27.1433,
15.8051

 36.3267, 31.7723,
22.3073

■ 40.1048, 37.1581,
30.2579

■ 44.4926, 43.3332,
39.7375

■ 49.5159, 50.3278,
50.8207

■ 55.1990, 58.1706,
63.5772

Harmonies

Analogous

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



30.1857, 15.4614, 9.8219



25.5187, 15.4614, 2.3488



18.4421, 15.4614, 0.5531

Triad

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



25.5187, 15.4614, 2.3488



5.7705, 15.4614, 8.7302



17.7897, 15.4614, 79.5300

Complementary

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



25.5187, 15.4614, 2.3488



23.6531, 30.1668, 59.2192

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.



11.4943, 15.4614, 78.3102



25.5187, 15.4614, 2.3488



5.6893, 15.4614, 26.5779

Square

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



25.5187, 15.4614, 2.3488



7.7367, 15.4614, 2.0431



7.4689, 15.4614, 54.7239



24.9232, 15.4614, 57.3765

Rectangle

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



25.5187, 15.4614, 2.3488



13.9301, 15.4614, 0.3515



7.4689, 15.4614, 54.7239



15.4887, 15.4614, 82.1533

Sweetspot

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



25.5190, 15.4623, 2.3490



70.9519, 66.4776, 55.6299



30.8063, 15.5032, 36.5852



14.6602, 13.4838, 10.7827



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.



25.5190, 15.4623, 2.3490



42.5660, 23.9121, 2.3720



34.2797, 32.9837, 5.2693



10.8134, 10.9959, 11.1153



15.7362, 8.9895, 0.9058



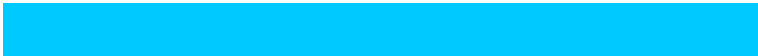
0.7994, 0.5343, 0.0610

Inverse Universe

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



23.6531, 30.1668, 59.2192



38.9023, 48.9247, 102.0008



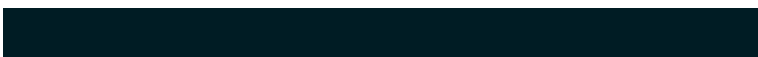
13.2303, 9.3211, 55.7449



10.7482, 11.6704, 13.6036



14.4194, 18.2326, 37.5036



0.7320, 0.9617, 1.7922

Previews

White Background



This preview shows how the XYZ color 25.5187, 15.4614, 2.3488 looks on a white 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

Black Background



This preview shows how the XYZ color 25.5187, 15.4614, 2.3488 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5187, 15.4614, 2.3488

Background



This preview shows how black text looks on a background with the XYZ color 25.5187, 15.4614, 2.3488.



This preview shows how white text looks on a background with the XYZ color 25.5187, 15.4614,

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

25.5187, 15.4614, 2.3488

Protanopia

14.2854, 15.7695, 3.8043

Deuteranopia

15.6990, 15.5921, 2.1822



Tritanopia

26.2173, 15.4554, 5.6044

Trichromacy



Original Color

25.5187, 15.4614, 2.3488

Protanomaly

16.9978, 14.4184, 3.0495

Deuteranomaly

18.2315, 14.5740, 2.0819

Tritanomaly

25.9752, 15.4353, 4.0929

Monochromacy



Original Color

25.5187, 15.4614, 2.3488

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

13.9990, 11.6845, 7.1477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5187, 15.4614, 2.3488 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(200, 59, 21)` looks like.

```
.text, #text, p{  
    color:rgb(200, 59, 21)  
}
```

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(200, 59, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 59, 21) }
```

Border

The CSS property to change the border of an element to XYZ 25.5187, 15.4614, 2.3488 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(200, 59, 21) }
```


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

```
.border{ border-color:rgb(200, 59, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 59, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 59, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 59, 21);  
box-shadow:4px 4px 4px 4px rgb(200, 59,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5187, 15.4614, 2.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 59, 21) }
```

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

```
.background{ background-color: rgb(200, 59,  
21) }
```

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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