

Converting Colors

XYZ(25.1582, 15.0199, 2.7904)

Have a look what the booklet for
XYZ(25.1582, 15.0199, 2.7904)
contains.

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Color

**XYZ(25.2017, 15.0642,
2.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	C7381E
RGB	199, 56, 30
RGB Percent	78%, 22%, 12%
CMY	0.2196, 0.7804, 0.8823
CMYK	0.00, 0.72, 0.85, 0.22
HSL	9°, 74%, 45%
HSV	9°, 85%, 78%
XYZ	25.2017, 15.0642, 2.8077
YIQ	95.7930, 93.5740, 22.2300

Conversions

Conversions Part 2

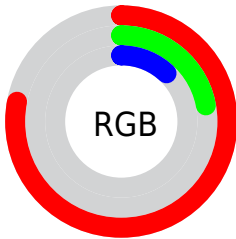
Format	Color
R_{YB}	199, 61, 30
Decimal	13056030
CIE _{Lab}	45.72, 55.18, 47.33
CIE _{LCh}	46, 72.694, 40.623
Yxy	15.0642, 0.5851, 0.3497
Android (android.graphics.Color)	4291246110 (0xFFC7381E)
YUV	95.7930, -32.4359, 90.5125
Hunter-Lab	38.8126, 47.9810, 22.8798

Details

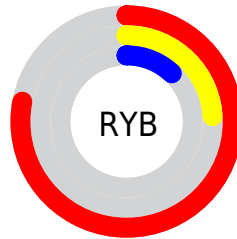
The XYZ color **25.2017, 15.0642, 2.8077** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **25.7858, 34.2828, 59.2906**, and the grayscale version is **11.1292, 11.7088, 12.7509**.

A 20% lighter version of the original color is **48.3737, 33.3842, 10.9154**, and **10.3165, 5.3184, 0.4828** is the 20% darker color. If you saturate the color by 10%, you get **24.3396, 13.6266, 1.6374**, and if you desaturate by 10%, it is **26.4991, 17.1165, 4.9136**.

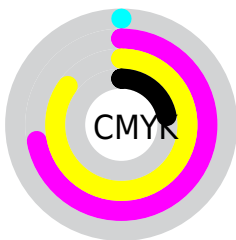
Distribution



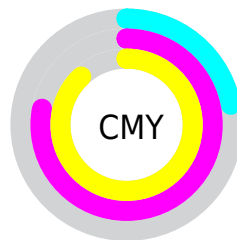
- Red (78%)
- Green (22%)
- Blue (12%)



- Red (78%)
- Yellow (24%)
- Blue (12%)



- Cyan (0%)
- Magenta (72%)
- Yellow (85%)
- Black (22%)



- Cyan (22%)
- Magenta (78%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2017, 15.0642, 2.8077 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 25.2017, 15.0642, 2.8077 by changing the saturation by 10% instead.

■ 25.2017, 15.0642,
2.8077

■ 25.2017, 15.0642,
2.8077

271.1701,
223.7545, 133.8724

■ 16.3569, 8.8645,
0.9973

■ 51.4248, 34.9658,
11.1501

■ 9.8695, 4.6529,
0.0000

■ 69.5338, 49.4364,
18.5192

■ 5.3741, 2.0451,
0.0000

■ 91.4616, 67.4327,
28.5783

■ 2.5054, 0.6335,
0.0000

■ 117.5736, 89.3392,
41.7459

■ 0.8980, 0.0000,
0.0000

■ 148.2351,
115.5403, 58.4406

■ 0.0000, 0.0000,
0.0000

■ 183.8114,

146.4202, 79.0809

224.6680,
182.3635, 104.0853

25.2017, 15.0642,
2.8077

25.2017, 15.0642,
2.8077

24.3396, 13.6266,
1.6374

26.4991, 17.1165,
4.9136

24.0333, 13.1026,
1.2624

28.2818, 19.8410,
8.1005

30.5938, 23.2911,
12.4894

33.4734, 27.5144,
18.1847

36.9557, 32.5540,
25.2796

■ 41.0726, 38.4502,
33.8586

■ 45.8539, 45.2403,
43.9997

■ 51.3274, 52.9594,
55.7752

■ 57.5194, 61.6410,
69.2531

Harmonies

Analogous

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



29.2292, 15.0642, 10.9532



25.2017, 15.0642, 2.8077



18.5758, 15.0642, 0.7169

Triad

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



25.2017, 15.0642, 2.8077



5.8547, 15.0642, 7.5867



16.5926, 15.0642, 76.5853

Complementary

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



25.2017, 15.0642, 2.8077



25.7858, 34.2828, 59.2906

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.



10.7664, 15.0642, 72.9355



25.2017, 15.0642, 2.8077



5.6030, 15.0642, 23.4122

Square

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



25.2017, 15.0642, 2.8077



7.9552, 15.0642, 1.8312



7.1295, 15.0642, 49.4644



23.3999, 15.0642, 57.4294

Rectangle

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



25.2017, 15.0642, 2.8077



14.1908, 15.0642, 0.4293



7.1295, 15.0642, 49.4644



14.4461, 15.0642, 78.2004

Sweetspot

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



25.2020, 15.0651, 2.8079



71.5724, 66.8345, 58.5627



31.6231, 16.1130, 41.3089



14.7453, 13.4851, 11.3320



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.



25.2020, 15.0651, 2.8079



41.9736, 22.7272, 2.1745



33.1435, 30.9481, 5.4551



10.7635, 10.8961, 11.0986



15.4954, 8.5079, 0.8255



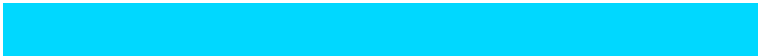
0.7768, 0.4890, 0.0534

Inverse Universe

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



25.7858, 34.2828, 59.2906



42.5431, 56.2062, 103.2144



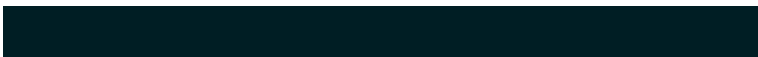
14.4291, 11.5693, 55.5050



10.8023, 11.7787, 13.6217



15.7292, 20.8523, 37.9402



0.7834, 1.0645, 1.8093

Previews

White Background



This preview shows how the XYZ color 25.2017, 15.0642, 2.8077 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



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 25.2017, 15.0642, 2.8077

Background



This preview shows how black text looks on a background with the XYZ color 25.2017, 15.0642, 2.8077.



This preview shows how white text looks on a background with the XYZ color 25.2017, 15.0642,

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

25.2017, 15.0642, 2.8077

Protanopia

13.9307, 15.2493, 4.4947

Deuteranopia

15.3479, 15.1103, 2.1938



Tritanopia

25.7821, 15.1014, 5.1704

Trichromacy



Original Color

25.2017, 15.0642, 2.8077

Protanomaly

16.5837, 13.9363, 3.6496

Deuteranomaly

17.8976, 14.1582, 2.1703

Tritanomaly

25.6317, 15.1150, 4.1513

Monochromacy



Original Color

25.2017, 15.0642, 2.8077

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

13.7850, 11.3393, 7.5930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2017, 15.0642, 2.8077 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(199, 56, 30)` looks like.

```
.text, #text, p{  
    color:rgb(199, 56, 30)  
}
```

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(199, 56, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 56, 30) }
```

Border

The CSS property to change the border of an element to XYZ 25.2017, 15.0642, 2.8077 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(199, 56, 30) }
```


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

```
.border{ border-color:rgb(199, 56, 30) }
```

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

Here you see how a box with a 4 pixel rgb(199, 56, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 56, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 56, 30);  
box-shadow:4px 4px 4px 4px rgb(199, 56,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2017, 15.0642, 2.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 56, 30) }
```

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

```
.background{ background-color: rgb(199, 56,  
30) }
```

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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