

Converting Colors

XYZ(25.8628, 13.5620, 1.2551)

Have a look what the booklet for
XYZ(25.8628, 13.5620, 1.2551)
contains.

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Color

**XYZ(25.8892, 13.5795,
1.2566)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0E00
RGB	207, 14, 0
RGB Percent	81%, 5%, 0%
CMY	0.1882, 0.9450, 1.0000
CMYK	0.00, 0.93, 1.00, 0.19
HSL	4°, 100%, 41%
HSV	4°, 100%, 81%
XYZ	25.8892, 13.5795, 1.2566
YIQ	70.1110, 119.5220, 36.5620

Conversions

Conversions Part 2

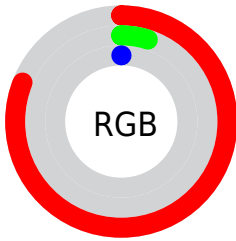
Format	Color
R_{YB}	207, 15, 0
Decimal	13569536
CIE _{Lab}	43.62, 67.11, 57.60
CIE _{LCh}	44, 88.444, 40.639
Yxy	13.5795, 0.6357, 0.3334
Android (android.graphics.Color)	4291759616 (0xFFCF0E00)
YUV	70.1110, -34.5647, 120.0517
Hunter-Lab	36.8504, 60.9169, 23.7735

Details

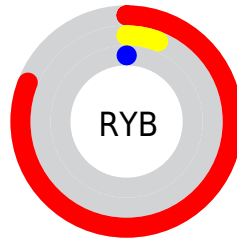
The XYZ color **25.8892, 13.5795, 1.2566** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **30.3244, 42.6289, 65.6610**, and the grayscale version is **5.8851, 6.1916, 6.7426**.

A 20% lighter version of the original color is **45.4550, 28.6618, 6.5047**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.8895, 13.5803, 1.2567**, and if you desaturate by 10%, it is **26.4177, 14.4246, 2.0869**.

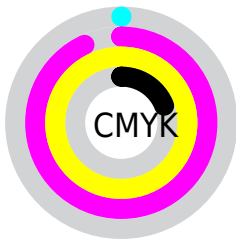
Distribution



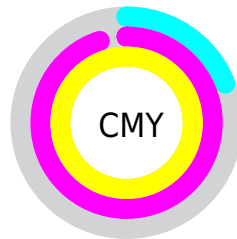
- Red (81%)
- Green (5%)
- Blue (0%)



- Red (81%)
- Yellow (6%)
- Blue (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (100%)
- Black (19%)





- Cyan (19%)
- Magenta (95%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8892, 13.5795, 1.2566 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 25.8892, 13.5795, 1.2566 by changing the saturation by 10% instead.

 25.8892, 13.5795,
1.2566


 25.8892, 13.5795,
1.2566


 274.5044,
214.5989, 109.4874


 16.8730, 7.8288,
0.0258


 52.5287, 32.3410,
6.8851


 10.2387, 3.9856,
0.0000


 70.8828, 46.1206,
12.3915

 5.6210, 1.6655,
0.0000

 93.0801, 63.3453,
20.2507

 2.6545, 0.4012,
0.0000

 119.4862, 84.3995,
30.8812


 0.9738, 0.0000,
0.0000


 150.4663,
109.6676, 44.7016


 0.0000, 0.0000,
0.0000


 186.3858,


139.5339, 62.1304


 227.6101,
174.3829, 83.5861


 25.8892, 13.5795,
1.2566


 25.8892, 13.5795,
1.2566


 25.8895, 13.5803,
1.2567

 26.4177, 14.4246,
2.0869

 27.3955, 15.9408,
3.7677

 28.9168, 18.2394,
6.5684

 31.0457, 21.4070,
10.6391

 33.8374, 25.5188,
16.1064

■ 37.3408, 30.6417,
23.0818

■ 41.6002, 36.8367,
31.6656

■ 46.6563, 44.1599,
41.9493

■ 52.5469, 52.6634,
54.0176

Harmonies

Analogous

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



30.9323, 13.5795, 8.8001



25.8892, 13.5795, 1.2566



17.8478, 13.5795, 0.0000

Triad

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



25.8892, 13.5795, 1.2566



3.9751, 13.5795, 5.3994



15.5266, 13.5795, 92.9467

Complementary

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



25.8892, 13.5795, 1.2566



30.3244, 42.6289, 65.6610

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.



8.9741, 13.5795, 87.9232



25.8892, 13.5795, 1.2566



3.7407, 13.5795, 23.0096

Square

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



25.8892, 13.5795, 1.2566



6.0281, 13.5795, 0.5662



5.2059, 13.5795, 56.1695



23.6761, 13.5795, 66.7662

Rectangle

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



25.8892, 13.5795, 1.2566



12.7589, 13.5795, 0.0000



5.2059, 13.5795, 56.1695



13.0560, 13.5795, 95.1908

Sweetspot

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



25.8895, 13.5804, 1.2568



66.4018, 58.6456, 50.2032



35.3799, 17.1245, 52.0095



13.5608, 11.6054, 9.4284



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.



25.8895, 13.5804, 1.2568



41.4450, 21.6700, 1.9983



32.1283, 26.0579, 3.3364



11.8722, 11.9351, 12.2900



16.3368, 8.6067, 0.8002



0.9365, 0.5274, 0.0524

Inverse Universe

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



30.3244, 42.6289, 65.6610



48.5401, 68.2001, 105.2134



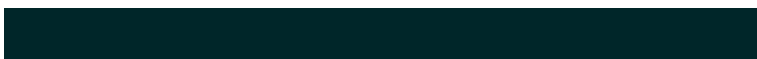
14.8934, 11.7669, 60.5173



12.0869, 13.2641, 15.1668



19.1340, 26.9145, 41.3791



1.0909, 1.5471, 2.3207

Previews

White Background



This preview shows how the XYZ color 25.8892, 13.5795, 1.2566 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 25.8892, 13.5795, 1.2566

Background



This preview shows how black text looks on a background with the XYZ color 25.8892, 13.5795, 1.2566.



This preview shows how white text looks on a background with the XYZ color 25.8892, 13.5795,

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

25.8892, 13.5795, 1.2566

Protanopia

12.7206, 14.0338, 3.0753

Deuteranopia

14.0729, 14.0199, 1.9644



Tritanopia

25.6865, 13.5876, 1.2688

Trichromacy



Original Color

25.8892, 13.5795, 1.2566

Protanomaly

14.9962, 11.1592, 1.8939

Deuteranomaly

16.4262, 11.6272, 1.3785

Tritanomaly

25.6540, 13.5227, 1.2580

Monochromacy



Original Color

25.8892, 13.5795, 1.2566

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.3600, 6.4637, 3.2369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8892, 13.5795, 1.2566 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(207, 14, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 14, 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(207, 14, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 14, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.8892, 13.5795, 1.2566 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(207, 14, 0) }
```


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

```
.border{ border-color:rgb(207, 14, 0) }
```

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

Here you see how a box with a 4 pixel rgb(207, 14, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 14, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 14, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 14, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.8892, 13.5795, 1.2566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 14, 0) }
```

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

```
.background{ background-color: rgb(207, 14,  
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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