

Converting Colors

XYZ(25.2722, 13.5780, 1.2888)

Have a look what the booklet for
XYZ(25.2722, 13.5780, 1.2888)
contains.

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Color

**XYZ(25.2712, 13.5762,
1.2885)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1A00
RGB	204, 26, 0
RGB Percent	80%, 10%, 0%
CMY	0.2000, 0.8979, 1.0000
CMYK	0.00, 0.87, 1.00, 0.20
HSL	8°, 100%, 40%
HSV	8°, 100%, 80%
XYZ	25.2712, 13.5762, 1.2885
YIQ	76.2580, 114.4340, 29.6500

Conversions

Conversions Part 2

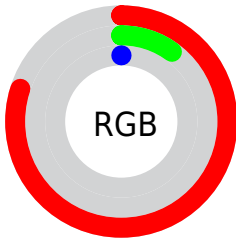
Format	Color
RYB	204, 30, 0
Decimal	13376000
CIELab	43.62, 64.54, 57.22
CIELCh	44, 86.246, 41.559
Yxy	13.5762, 0.6296, 0.3383
Android (android.graphics.Color)	4291566080 (0xFFCC1A00)
YUV	76.2580, -37.5952, 112.0297
Hunter-Lab	36.8459, 57.9461, 23.7188

Details

The XYZ color **25.2712, 13.5762, 1.2885** 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 **26.8145, 36.1907, 62.6983**, and the grayscale version is **6.9713, 7.3343, 7.9871**.

A 20% lighter version of the original color is **45.8202, 29.3550, 6.7411**, and **10.6475, 5.4890, 0.4983** is the 20% darker color. If you saturate the color by 10%, you get **25.2715, 13.5771, 1.2887**, and if you desaturate by 10%, it is **25.9255, 14.6772, 2.1472**.

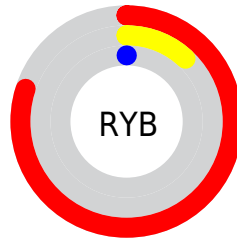
Distribution



Red (80%)

Green (10%)

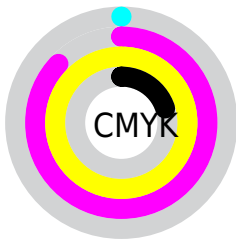
Blue (0%)



Red (80%)

Yellow (12%)

Blue (0%)

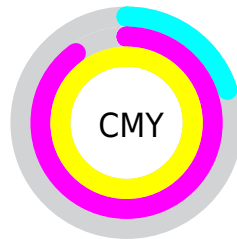


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (90%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2712, 13.5762, 1.2885 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 25.2712, 13.5762, 1.2885 by changing the saturation by 10% instead.


 25.2712, 13.5762,
1.2885


 25.2712, 13.5762,
1.2885


 271.5086,
214.5782, 110.1103


 16.4090, 7.8265,
0.0523


 51.5366, 32.3351,
6.9839


 9.9067, 3.9841,
0.0000


 69.6705, 46.1132,
12.5376

 5.3990, 1.6647,
0.0000

 91.6257, 63.3361,
20.4532

 2.5203, 0.4006,
0.0000

 117.7676, 84.3884,
31.1494

 0.9055, 0.0000,
0.0000


 148.4614,
109.6543, 45.0446


 0.0000, 0.0000,
0.0000


 184.0727,


139.5183, 62.5575


 224.9666,
174.3648, 84.1065


 25.2712, 13.5762,
1.2885


 25.2712, 13.5762,
1.2885


 25.2715, 13.5771,
1.2887

 25.9255, 14.6772,
2.1472

 27.0003, 16.3999,
3.8220

 28.5754, 18.8285,
6.5713

 30.7038, 22.0293,
10.5368

 33.4319, 26.0606,
15.8384

■ 36.8006, 30.9751,
22.5816

■ 40.8477, 36.8211,
30.8613

■ 45.6077, 43.6434,
40.7643

■ 51.1127, 51.4840,
52.3709

Harmonies

Analogous

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



30.2764, 13.5762, 8.5096



25.2712, 13.5762, 1.2885



17.4653, 13.5762, 0.0000

Triad

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



25.2712, 13.5762, 1.2885



4.0864, 13.5762, 5.8597



15.6861, 13.5762, 89.4129

Complementary

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



25.2712, 13.5762, 1.2885



26.8145, 36.1907, 62.6983

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.



9.2149, 13.5762, 85.6300



25.2712, 13.5762, 1.2885



3.9017, 13.5762, 23.5618

Square

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



25.2712, 13.5762, 1.2885



6.0614, 13.5762, 0.7460



5.4192, 13.5762, 55.7546



23.5840, 13.5762, 63.7625

Rectangle

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



25.2712, 13.5762, 1.2885



12.5535, 13.5762, 0.0000



5.4192, 13.5762, 55.7546



13.2605, 13.5762, 91.8951

Sweetspot

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



25.2715, 13.5771, 1.2887



67.3648, 60.5716, 50.5242



33.1601, 16.1406, 44.6542



13.7800, 12.0440, 9.5015



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.



25.2715, 13.5771, 1.2887



41.7709, 22.3218, 2.1070



32.3368, 27.7077, 3.6438



11.3258, 11.4405, 11.6907



15.9443, 8.6216, 0.8238



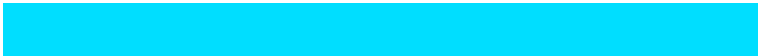
0.8615, 0.5228, 0.0555

Inverse Universe

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



26.8145, 36.1907, 62.6983



44.2964, 59.7129, 103.7988



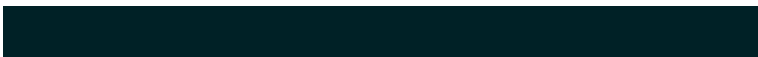
13.6376, 9.8368, 58.3060



11.4164, 12.4733, 14.3763



16.9253, 22.8746, 39.4794



0.9081, 1.2500, 2.0483

Previews

White Background



This preview shows how the XYZ color 25.2712, 13.5762, 1.2885 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 25.2712, 13.5762, 1.2885

Background



This preview shows how black text looks on a background with the XYZ color 25.2712, 13.5762, 1.2885.



This preview shows how white text looks on a background with the XYZ color 25.2712, 13.5762,

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

25.2712, 13.5762, 1.2885

Protanopia

12.5741, 13.9596, 3.0090

Deuteranopia

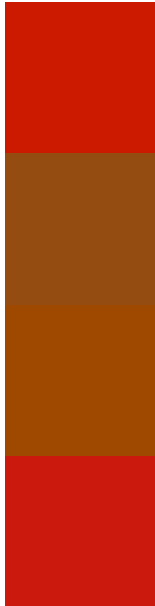
13.9776, 13.8292, 1.9326



Tritanopia

25.3757, 13.5831, 1.9462

Trichromacy



Original Color

25.2712, 13.5762, 1.2885

Protanomaly

15.0800, 11.5989, 1.9743

Deuteranomaly

16.4179, 11.9038, 1.4323

Tritanomaly

25.3221, 13.5617, 1.6638

Monochromacy



Original Color

25.2712, 13.5762, 1.2885

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

10.2149, 7.4505, 3.6960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2712, 13.5762, 1.2885 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(204, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 26, 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(204, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 26, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.2712, 13.5762, 1.2885 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(204, 26, 0) }
```


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

```
.border{ border-color:rgb(204, 26, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 26, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 26, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 26, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 26, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.2712, 13.5762, 1.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 26, 0) }
```

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

```
.background{ background-color: rgb(204, 26,  
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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