

Converting Colors

XYZ(25.4118, 13.8572, 1.3354)

Have a look what the booklet for
XYZ(25.4118, 13.8572, 1.3354)
contains.

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Color

**XYZ(25.4184, 13.8704,
1.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2000
RGB	204, 32, 0
RGB Percent	80%, 13%, 0%
CMY	0.2000, 0.8744, 1.0000
CMYK	0.00, 0.84, 1.00, 0.20
HSL	9°, 100%, 40%
HSV	9°, 100%, 80%
XYZ	25.4184, 13.8704, 1.3376
YIQ	79.7800, 112.7840, 26.5120

Conversions

Conversions Part 2

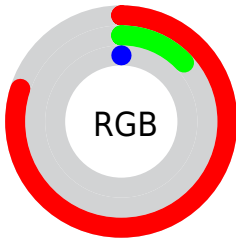
Format	Color
RYB	204, 38, 0
Decimal	13377536
CIELab	44.05, 63.32, 57.38
CIELCh	44, 85.448, 42.185
Yxy	13.8704, 0.6257, 0.3414
Android (android.graphics.Color)	4291567616 (0xFFCC2000)
YUV	79.7800, -39.3315, 108.9409
Hunter-Lab	37.2430, 56.6513, 23.9407

Details

The XYZ color **25.4184, 13.8704, 1.3376** 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 **25.6486, 33.8588, 62.3100**, and the grayscale version is **7.6425, 8.0405, 8.7562**.

A 20% lighter version of the original color is **46.0887, 29.8921, 6.8306**, and **10.8152, 5.5754, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **25.4186, 13.8711, 1.3377**, and if you desaturate by 10%, it is **26.1389, 15.1040, 2.2185**.

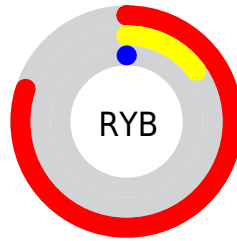
Distribution



Red (80%)

Green (13%)

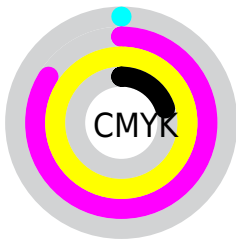
Blue (0%)



Red (80%)

Yellow (15%)

Blue (0%)

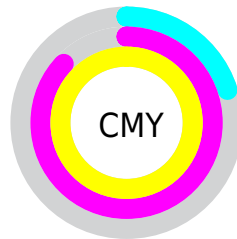


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4184, 13.8704, 1.3376 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 25.4184, 13.8704, 1.3376 by changing the saturation by 10% instead.


 25.4184, 13.8704,
1.3376


 25.4184, 13.8704,
1.3376


 272.2246,
216.4231, 111.0537


 16.5194, 8.0306,
0.0923


 51.7732, 32.8589,
7.1346


 9.9856, 4.1145,
0.0000


 69.9598, 46.7764,
12.7599

 5.4516, 1.7378,
0.0000

 91.9729, 64.1552,
20.7610

 2.5521, 0.4480,
0.0000

 118.1779, 85.3797,
31.5565

 0.9216, 0.0000,
0.0000


 148.9403,
110.8344, 45.5650


 0.0000, 0.0000,
0.0000


 184.6253,


140.9036, 63.2050


 225.5983,
175.9717, 84.8951


 25.4184, 13.8704,
1.3376


 25.4184, 13.8704,
1.3376

 25.4186, 13.8711,
1.3377

 26.1389, 15.1040,
2.2185

 27.2710, 16.9411,
3.9124

 28.8898, 19.4571,
6.6765

 31.0450, 22.7112,
10.6510

 33.7797, 26.7558,
15.9550

■ 37.1326, 31.6385,
22.6931

■ 41.1390, 37.4032,
30.9595

■ 45.8315, 44.0905,
40.8402

■ 51.2404, 51.7386,
52.4150

Harmonies

Analogous

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



30.5082, 13.8704, 8.5048



25.4184, 13.8704, 1.3376



17.5953, 13.8704, 0.0000

Triad

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



25.4184, 13.8704, 1.3376



4.2502, 13.8704, 6.3075



16.1359, 13.8704, 89.0745

Complementary

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



25.4184, 13.8704, 1.3376



25.6486, 33.8588, 62.3100

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.



9.5785, 13.8704, 86.0070



25.4184, 13.8704, 1.3376



4.0960, 13.8704, 24.4502

Square

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



25.4184, 13.8704, 1.3376



6.2154, 13.8704, 0.8828



5.6821, 13.8704, 56.7036



24.0392, 13.8704, 63.2122

Rectangle

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



25.4184, 13.8704, 1.3376



12.6918, 13.8704, 0.0000



5.6821, 13.8704, 56.7036



13.6875, 13.8704, 91.7624

Sweetspot

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



25.4187, 13.8713, 1.3378



67.8494, 61.5409, 50.6857



32.4833, 15.8700, 41.0895



13.8909, 12.2657, 9.5385



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.



25.4187, 13.8713, 1.3378



41.9994, 22.7789, 2.1831



33.2347, 29.5032, 3.9431



11.3521, 11.4932, 11.6995



16.0432, 8.8193, 0.8567



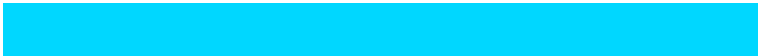
0.8737, 0.5471, 0.0596

Inverse Universe

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



25.6486, 33.8588, 62.3100



42.3455, 55.8111, 103.1485



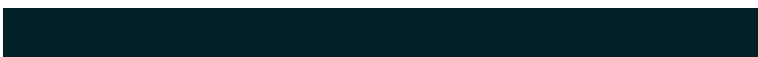
13.1779, 8.9174, 58.1531



11.3875, 12.4155, 14.3666



16.1998, 21.4235, 39.2376



0.8771, 1.1879, 2.0380

Previews

White Background



This preview shows how the XYZ color 25.4184, 13.8704, 1.3376 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 25.4184, 13.8704, 1.3376 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 25.4184, 13.8704, 1.3376

Background



This preview shows how black text looks on a background with the XYZ color 25.4184, 13.8704, 1.3376.



This preview shows how white text looks on a background with the XYZ color 25.4184, 13.8704,

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

25.4184, 13.8704, 1.3376

Protanopia

12.8007, 14.2298, 2.9917

Deuteranopia

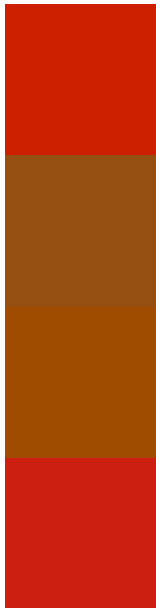
14.2300, 14.1009, 1.9717



Tritanopia

25.5757, 13.8498, 2.4239

Trichromacy



Original Color

25.4184, 13.8704, 1.3376

Protanomaly

15.2839, 12.0189, 2.0045

Deuteranomaly

16.8142, 12.4031, 1.5078

Tritanomaly

25.5010, 13.8610, 1.9037

Monochromacy



Original Color

25.4184, 13.8704, 1.3376

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

10.8325, 8.1540, 4.1349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4184, 13.8704, 1.3376 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, 32, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 32, 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, 32, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 32, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.4184, 13.8704, 1.3376 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, 32, 0) }
```


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

```
.border{ border-color:rgb(204, 32, 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, 32, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 32, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 32, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 32, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.4184, 13.8704, 1.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 32, 0) }
```

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

```
.background{ background-color: rgb(204, 32,  
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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