

Converting Colors

XYZ(25.7670, 13.2648, 2.0432)

Have a look what the booklet for
XYZ(25.7670, 13.2648, 2.0432)
contains.

XYZ(25.8970, 13.3313, 2.0724)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.8970, 13.3313,
2.0724)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0018
RGB	207, 0, 24
RGB Percent	81%, 0%, 9%
CMY	0.1882, 0.9998, 0.9059
CMYK	0.00, 1.00, 0.88, 0.19
HSL	353°, 100%, 41%
HSV	353°, 100%, 81%
XYZ	25.8970, 13.3313, 2.0724
YIQ	64.6290, 115.6680, 51.3480

Conversions

Conversions Part 2

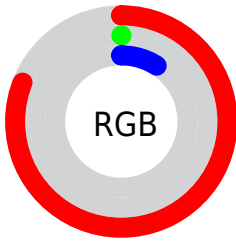
Format	Color
RYB	207, 0, 24
Decimal	13565976
CIELab	43.26, 68.72, 48.77
CIElCh	43, 84.269, 35.362
Yxy	13.3313, 0.6270, 0.3228
Android (android.graphics.Color)	4291756056 (0xFFCF0018)
YUV	64.6290, -20.0301, 124.8594
Hunter-Lab	36.5121, 62.7091, 22.1932

Details

The XYZ color **25.8970, 13.3313, 2.0724** 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 **30.8647, 48.0462, 52.4691**, and the grayscale version is **4.9885, 5.2483, 5.7154**.

A 20% lighter version of the original color is **45.6733, 28.3578, 8.8607**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.8965, 13.3311, 2.0704**, and if you desaturate by 10%, it is **26.4188, 13.9615, 3.5215**.

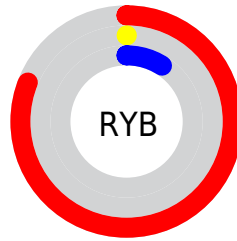
Distribution



Red (81%)

Green (0%)

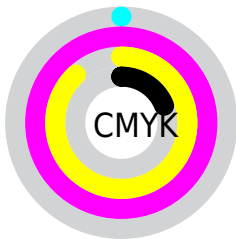
Blue (9%)



Red (81%)

Yellow (0%)

Blue (9%)

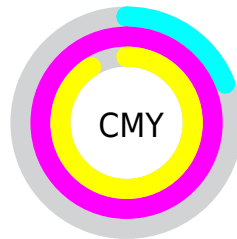


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (19%)



Cyan (19%)


Magenta (100%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8970, 13.3313, 2.0724 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 25.8970, 13.3313, 2.0724 by changing the saturation by 10% instead.


 25.8970, 13.3313,
2.0724


 25.8970, 13.3313,
2.0724


274.5421,
213.0301, 123.4911


 16.8789, 7.6571,
0.5993


 52.5412, 31.8977,
9.2378


 10.2429, 3.8763,
0.0000


 70.8980, 45.5587,
15.8113


 5.6238, 1.6046,
0.0000

 93.0984, 62.6507,
24.9367

 2.6562, 0.3607,
0.0000

 119.5078, 83.5581,
37.0325


 0.9747, 0.0000,
0.0000


 150.4915,
108.6654, 52.5173


 0.0000, 0.0000,
0.0000


 186.4149,


138.3569, 71.8096


 227.6433,
173.0170, 95.3280


 25.8970, 13.3313,
2.0724


 25.8970, 13.3313,
2.0724


 25.8965, 13.3311,
2.0704

 26.4188, 13.9615,
3.5215

 27.3720, 15.2146,
5.8536

 28.8703, 17.2891,
9.1956

 30.9808, 20.2946,
13.6461

 33.7606, 24.3236,
19.2919

■ 37.2605, 29.4573,
26.2111

■ 41.5261, 35.7692,
34.4750

■ 46.5993, 43.3259,
44.1499

■ 52.5190, 52.1894,
55.2974

Harmonies

Analogous

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



29.7079, 13.3313, 11.4111



25.8970, 13.3313, 2.0724



18.6512, 13.3313, 0.0000

Triad

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



25.8970, 13.3313, 2.0724



4.3483, 13.3313, 4.1007



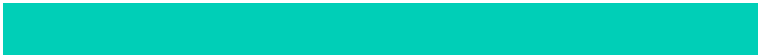
13.8795, 13.3313, 87.6794

Complementary

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



25.8970, 13.3313, 2.0724



30.8647, 48.0462, 52.4691

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.



8.1289, 13.3313, 77.7554



25.8970, 13.3313, 2.0724



3.8370, 13.3313, 18.1374

Square

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



25.8970, 13.3313, 2.0724



6.7105, 13.3313, 0.4098



4.9485, 13.3313, 46.8037



21.4032, 13.3313, 67.9255

Rectangle

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



25.8970, 13.3313, 2.0724



13.7123, 13.3313, 0.0000



4.9485, 13.3313, 46.8037



11.6838, 13.3313, 87.8107

Sweetspot

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



25.8973, 13.3322, 2.0726



66.2679, 56.9033, 54.7046



30.7567, 14.5553, 60.2195



13.5310, 11.2117, 10.4492



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.



25.8973, 13.3322, 2.0726



41.4683, 21.3513, 3.1320



28.5553, 18.9117, 2.1465



11.8636, 11.8302, 12.5576



16.3341, 8.4065, 1.3997



0.9324, 0.4777, 0.1787

Inverse Universe

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



25.8973, 13.3322, 2.0726



41.4683, 21.3513, 3.1320



18.9385, 19.8564, 61.8656



11.8636, 11.8302, 12.5576



16.3341, 8.4065, 1.3997



0.9324, 0.4777, 0.1787

Previews

White Background



This preview shows how the XYZ color 25.8970, 13.3313, 2.0724 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 25.8970, 13.3313, 2.0724 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 25.8970, 13.3313, 2.0724

Background



This preview shows how black text looks on a background with the XYZ color 25.8970, 13.3313, 2.0724.



This preview shows how white text looks on a background with the XYZ color 25.8970, 13.3313,

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

25.8970, 13.3313, 2.0724

Protanopia

12.6720, 13.9833, 4.2217

Deuteranopia

13.9776, 13.8292, 1.9326



Tritanopia

25.6865, 13.5876, 1.2688

Trichromacy



Original Color

25.8970, 13.3313, 2.0724

Protanomaly

14.7050, 10.5252, 2.8466

Deuteranomaly

16.1249, 10.9457, 1.5213

Tritanomaly

25.6344, 13.4045, 1.4947

Monochromacy



Original Color

25.8970, 13.3313, 2.0724

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

8.7048, 5.5981, 3.6394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8970, 13.3313, 2.0724 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, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 24)  
}
```

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, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 24) }
```

Border

The CSS property to change the border of an element to XYZ 25.8970, 13.3313, 2.0724 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, 0, 24) }
```


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

```
.border{ border-color:rgb(207, 0, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 0, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 24);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 24)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.8970, 13.3313, 2.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 24) }
```

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

```
.background{ background-color: rgb(207, 0,  
24) }
```

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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