

Converting Colors

XYZ(25.7518, 13.2751, 1.2255)

Have a look what the booklet for
XYZ(25.7518, 13.2751, 1.2255)
contains.

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Color

**XYZ(25.7376, 13.2676,
1.2331)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0001
RGB	207, 0, 1
RGB Percent	81%, 0%, 0%
CMY	0.1882, 0.9998, 0.9961
CMYK	0.00, 1.00, 1.00, 0.19
HSL	360°, 100%, 41%
HSV	360°, 100%, 81%
XYZ	25.7376, 13.2676, 1.2331
YIQ	62.0070, 123.0510, 44.1950

Conversions

Conversions Part 2

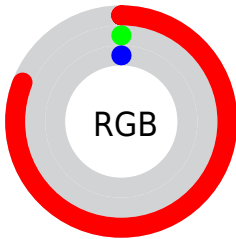
Format	Color
RYB	207, 0, 1
Decimal	13565953
CIELab	43.16, 68.46, 57.09
CIELCh	43, 89.145, 39.825
Yxy	13.2676, 0.6396, 0.3297
Android (android.graphics.Color)	4291756033 (0xFFCF0001)
YUV	62.0070, -30.0765, 127.1589
Hunter-Lab	36.4247, 62.3843, 23.4901

Details

The XYZ color **25.7376, 13.2676, 1.2331** 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 **33.4591, 49.0839, 66.1310**, and the grayscale version is **4.6130, 4.8532, 5.2852**.

A 20% lighter version of the original color is **45.2336, 28.1819, 6.5456**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.7371, 13.2674, 1.2318**, and if you desaturate by 10%, it is **26.1364, 13.8487, 2.0348**.

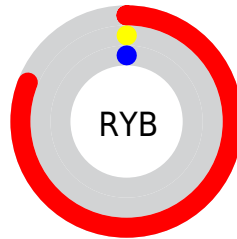
Distribution



Red (81%)

Green (0%)

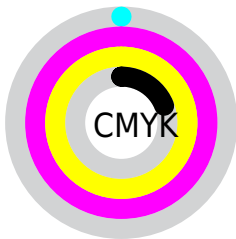
Blue (0%)



Red (81%)

Yellow (0%)

Blue (0%)

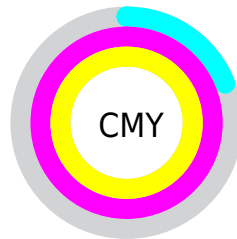


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7376, 13.2676, 1.2331 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 25.7376, 13.2676, 1.2331 by changing the saturation by 10% instead.


 25.7376, 13.2676,
1.2331


 25.7376, 13.2676,
1.2331


 273.7720,
212.6256, 109.0232


 16.7591, 7.6131,
0.0060


 52.2857, 31.7837,
6.8119


 10.1571, 3.8484,
0.0000


 70.5859, 45.4141,
12.2831

 5.5663, 1.5891,
0.0000

 92.7241, 62.4719,
20.1002

 2.6213, 0.3502,
0.0000

 119.0656, 83.3414,
30.6817

 0.9568, 0.0000,
0.0000


 149.9758,
108.4072, 44.4463


 0.0000, 0.0000,
0.0000


 185.8200,


138.0536, 61.8123


 226.9636,
172.6649, 83.1985


 25.7376, 13.2676,
1.2331


 25.7376, 13.2676,
1.2331


 25.7371, 13.2674,
1.2318

 26.1364, 13.8487,
2.0348

 26.9620, 15.0508,
3.6942

 28.3544, 17.0831,
6.4783

 30.3908, 20.0591,
10.5386

 33.1364, 24.0745,
16.0031

■ 36.6482, 29.2132,
22.9845

■ 40.9776, 35.5507,
31.5839

■ 46.1715, 43.1559,
41.8938

■ 52.2733, 52.0924,
53.9997

Harmonies

Analogous

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



30.6446, 13.2676, 8.8990



25.7376, 13.2676, 1.2331



17.7433, 13.2676, 0.0000

Triad

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



25.7376, 13.2676, 1.2331



3.8248, 13.2676, 4.9254



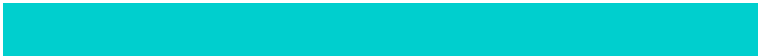
15.0045, 13.2676, 93.1236

Complementary

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



25.7376, 13.2676, 1.2331



33.4591, 49.0839, 66.1310

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.



8.5773, 13.2676, 87.1324



25.7376, 13.2676, 1.2331



3.5528, 13.2676, 21.9210

Square

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



25.7376, 13.2676, 1.2331



5.8955, 13.2676, 0.4165



4.9367, 13.2676, 54.8120



23.1178, 13.2676, 67.4236

Rectangle

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



25.7376, 13.2676, 1.2331



12.6508, 13.2676, 0.0000



4.9367, 13.2676, 54.8120



12.5702, 13.2676, 95.0605

Sweetspot

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



25.7379, 13.2685, 1.2333



65.3819, 56.5489, 50.0391



36.0415, 17.2798, 60.4667



13.3301, 11.1313, 9.3912



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.



25.7379, 13.2685, 1.2333



41.2465, 21.2626, 1.9640



30.2963, 22.3937, 2.7269



11.8110, 11.8091, 12.2803



16.2167, 8.3595, 0.7811



0.9075, 0.4677, 0.0479

Inverse Universe

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



25.7379, 13.2685, 1.2333



41.2465, 21.2626, 1.9640



16.5177, 15.0147, 61.0585



11.8110, 11.8091, 12.2803



16.2167, 8.3595, 0.7811



0.9075, 0.4677, 0.0479

Previews

White Background



This preview shows how the XYZ color 25.7376, 13.2676, 1.2331 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 25.7376, 13.2676, 1.2331

Background



This preview shows how black text looks on a background with the XYZ color 25.7376, 13.2676, 1.2331.



This preview shows how white text looks on a background with the XYZ color 25.7376, 13.2676,

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

25.7376, 13.2676, 1.2331

Protanopia

12.5855, 13.9642, 3.0689

Deuteranopia

13.9776, 13.8292, 1.9326



Tritanopia

25.4097, 13.4449, 1.2559

Trichromacy



Original Color

25.7376, 13.2676, 1.2331

Protanomaly

14.6940, 10.5420, 1.8326

Deuteranomaly

16.0756, 10.9259, 1.2616

Tritanomaly

25.5851, 13.3848, 1.2350

Monochromacy



Original Color

25.7376, 13.2676, 1.2331

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

8.1788, 5.2491, 2.5896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7376, 13.2676, 1.2331 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, 1)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 1)  
}
```

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, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 1) }
```

Border

The CSS property to change the border of an element to XYZ 25.7376, 13.2676, 1.2331 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, 1) }
```


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

```
.border{ border-color:rgb(207, 0, 1) }
```

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, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(207, 0, 1); box-shadow:4px  
4px 4px 4px rgb(207, 0, 1) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7376, 13.2676, 1.2331 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, 1) }
```

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

```
.background{ background-color: rgb(207, 0,  
1) }
```

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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