

Converting Colors

XYZ(25.0995, 13.2329, 1.2313)

Have a look what the booklet for
XYZ(25.0995, 13.2329, 1.2313)
contains.

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Color

**XYZ(25.1023, 13.2383,
1.2322)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1100
RGB	204, 17, 0
RGB Percent	80%, 7%, 0%
CMY	0.2000, 0.9332, 1.0000
CMYK	0.00, 0.92, 1.00, 0.20
HSL	5°, 100%, 40%
HSV	5°, 100%, 80%
XYZ	25.1023, 13.2383, 1.2322
YIQ	70.9750, 116.9090, 34.3570

Conversions

Conversions Part 2

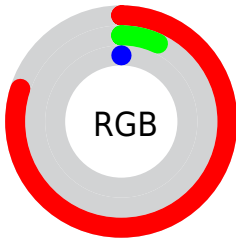
Format	Color
RYB	204, 19, 0
Decimal	13373696
CIELab	43.12, 65.97, 57.03
CIElCh	43, 87.201, 40.843
Yxy	13.2383, 0.6343, 0.3345
Android (android.graphics.Color)	4291563776 (0xFFCC1100)
YUV	70.9750, -34.9907, 116.6629
Hunter-Lab	36.3845, 59.4775, 23.4612

Details

The XYZ color **25.1023, 13.2383, 1.2322** 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 **28.6625, 39.8867, 63.3145**, and the grayscale version is **6.0312, 6.3453, 6.9100**.

A 20% lighter version of the original color is **45.5388, 28.8294, 6.5326**, and **10.6475, 5.4890, 0.4983** is the 20% darker color. If you saturate the color by 10%, you get **25.1026, 13.2391, 1.2324**, and if you desaturate by 10%, it is **25.6542, 14.1346, 2.0568**.

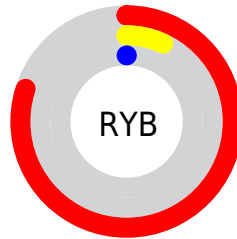
Distribution



Red (80%)

Green (7%)

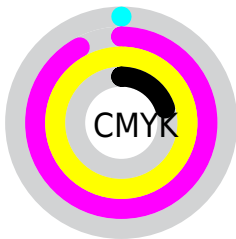
Blue (0%)



Red (80%)

Yellow (7%)

Blue (0%)

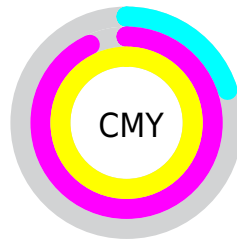


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (93%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1023, 13.2383, 1.2322 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 25.1023, 13.2383, 1.2322 by changing the saturation by 10% instead.


 25.1023, 13.2383,
1.2322


 25.1023, 13.2383,
1.2322


 270.6853,
212.4393, 109.0054


 16.2824, 7.5928,
0.0052


 51.2648, 31.7312,
6.8091


 9.8163, 3.8355,
0.0000


 69.3382, 45.3475,
12.2789

 5.3387, 1.5820,
0.0000

 91.2268, 62.3895,
20.0944

 2.4841, 0.3454,
0.0000

 117.2959, 83.2417,
30.6741


 0.8872, 0.0000,
0.0000


 147.9110,
108.2883, 44.4365


 0.0000, 0.0000,
0.0000


 183.4373,


137.9139, 61.8001


 224.2403,
172.5027, 83.1836


 25.1023, 13.2383,
1.2322


 25.1023, 13.2383,
1.2322


 25.1026, 13.2391,
1.2324

 25.6542, 14.1346,
2.0568

 26.6374, 15.6741,
3.7011

 28.1399, 17.9575,
6.4262

 30.2209, 21.0634,
10.3760

 32.9317, 25.0601,
15.6718

■ 36.3176, 30.0089,
22.4208

■ 40.4201, 35.9658,
30.7190

■ 45.2771, 42.9822,
40.6544

■ 50.9239, 51.1061,
52.3083

Harmonies

Analogous

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



30.0105, 13.2383, 8.5148



25.1023, 13.2383, 1.2322



17.3152, 13.2383, 0.0000

Triad

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



25.1023, 13.2383, 1.2322



3.9000, 13.2383, 5.3638



15.1724, 13.2383, 89.8247

Complementary

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



25.1023, 13.2383, 1.2322



28.6625, 39.8867, 63.3145

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.



8.8020, 13.2383, 85.2059



25.1023, 13.2383, 1.2322



3.6822, 13.2383, 22.5538

Square

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



25.1023, 13.2383, 1.2322



5.8844, 13.2383, 0.5857



5.1222, 13.2383, 54.6681



23.0619, 13.2383, 64.4187

Rectangle

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



25.1023, 13.2383, 1.2322



12.3934, 13.2383, 0.0000



5.1222, 13.2383, 54.6681



12.7737, 13.2383, 92.0663

Sweetspot

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



25.1026, 13.2391, 1.2324



66.6515, 59.1450, 50.2864



33.8712, 16.4251, 48.3985



13.6175, 11.7189, 9.4473



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.



25.1026, 13.2391, 1.2324



41.5135, 21.8070, 2.0212



31.4984, 26.0309, 3.3643



11.2864, 11.3617, 11.6776



15.8284, 8.3897, 0.7851



0.8432, 0.4862, 0.0494

Inverse Universe

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



28.6625, 39.8867, 63.3145



47.3906, 65.9011, 104.8302



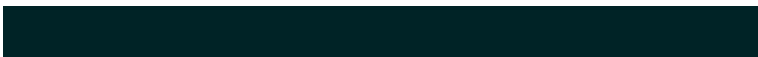
14.1475, 10.8566, 58.4761



11.4601, 12.5605, 14.3908



18.0740, 25.1719, 39.8623



0.9566, 1.3470, 2.0645

Previews

White Background



This preview shows how the XYZ color 25.1023, 13.2383, 1.2322 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 25.1023, 13.2383, 1.2322

Background



This preview shows how black text looks on a background with the XYZ color 25.1023, 13.2383, 1.2322.



This preview shows how white text looks on a background with the XYZ color 25.1023, 13.2383,

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

25.1023, 13.2383, 1.2322

Protanopia

12.3392, 13.6882, 2.9690

Deuteranopia

13.5736, 13.4812, 1.8867



Tritanopia

25.1181, 13.2700, 1.2375

Trichromacy



Original Color

25.1023, 13.2383, 1.2322

Protanomaly

14.6313, 10.9711, 1.8768

Deuteranomaly

16.0327, 11.4243, 1.3601

Tritanomaly

25.1181, 13.2700, 1.2375

Monochromacy



Original Color

25.1023, 13.2383, 1.2322

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.2652, 6.4791, 3.2449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1023, 13.2383, 1.2322 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, 17, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 17, 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, 17, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 17, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.1023, 13.2383, 1.2322 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, 17, 0) }
```


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

```
.border{ border-color:rgb(204, 17, 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, 17, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 17, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 17, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 17, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.1023, 13.2383, 1.2322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 17, 0) }
```

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

```
.background{ background-color: rgb(204, 17,  
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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