

Converting Colors

XYZ(25.2246, 13.3667, 1.6313)

Have a look what the booklet for
XYZ(25.2246, 13.3667, 1.6313)
contains.

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Color

**XYZ(25.2246, 13.3667,
1.6313)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC140D |
| RGB | 204, 20, 13 |
| RGB Percent | 80%, 8%, 5% |
| CMY | 0.2000, 0.9215, 0.9490 |
| CMYK | 0.00, 0.90, 0.94, 0.20 |
| HSL | 2°, 88%, 43% |
| HSV | 2°, 94%, 80% |
| XYZ | 25.2246, 13.3667, 1.6313 |
| YIQ | 74.2180, 111.9110, 36.8310 |

Conversions

Conversions Part 2

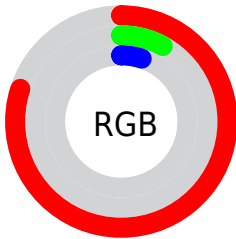
| Format | Color |
|-------------------------------------|--|
| RYB | 204, 20, 13 |
| Decimal | 13374477 |
| CIELab | 43.31, 65.67, 52.96 |
| CIELCh | 43, 84.358, 38.884 |
| Yxy | 13.3667, 0.6271, 0.3323 |
| Android (android.graphics.Color) | 4291564557 (0xFFCC140D) |
| YUV | 74.2180, -30.1805, 113.8188 |
| Hunter-Lab | 36.5605, 59.1737, 22.9469 |

Details

The XYZ color **25.2246, 13.3667, 1.6313** 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 **31.0252, 44.3655, 64.0544**, and the grayscale version is **6.5882, 6.9313, 7.5481**.

A 20% lighter version of the original color is **45.8506, 29.0900, 7.7558**, and **10.8152, 5.5754, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **24.9831, 13.0002, 1.1925**, and if you desaturate by 10%, it is **25.9297, 14.4451, 2.8900**.

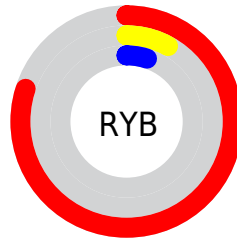
Distribution



Red (80%)

Green (8%)

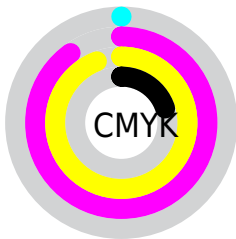
Blue (5%)



Red (80%)

Yellow (8%)

Blue (5%)

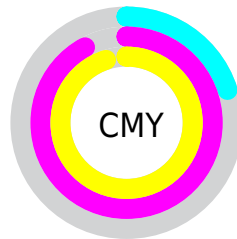


Cyan (0%)

Magenta (90%)

Yellow (94%)

Black (20%)



Cyan (20%)


Magenta (92%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2246, 13.3667, 1.6313 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 25.2246, 13.3667, 1.6313 by changing the saturation by 10% instead.


 25.2246, 13.3667,
1.6313


 25.2246, 13.3667,
1.6313


 271.2817,
213.2546, 116.3601


 16.3741, 7.6815,
0.3130


 51.4616, 31.9610,
8.0058


 9.8818, 3.8919,
0.0000


 69.5789, 45.6390,
14.0348

 5.3823, 1.6133,
0.0000

 91.5157, 62.7500,
22.5162

 2.5103, 0.3665,
0.0000

 117.6375, 83.6784,
33.8687

 0.9005, 0.0000,
0.0000


 148.3097,
108.8087, 48.5108


 0.0000, 0.0000,
0.0000


 183.8975,


138.5253, 66.8611


 224.7664,
173.2124, 89.3380


 25.2246, 13.3667,
1.6313


 25.2246, 13.3667,
1.6313


 24.9831, 13.0002,
1.1925

 25.9297, 14.4451,
2.8900

 27.1435, 16.2632,
5.1740

 28.9386, 18.9227,
8.6412

 31.3754, 22.5089,
13.4224

 34.5069, 27.0965,
19.6311

■ 38.3805, 32.7528,
27.3686

■ 43.0395, 39.5390,
36.7271

■ 48.5240, 47.5120,
47.7912

■ 54.8710, 56.7245,
60.6401

Harmonies

Analogous

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



29.6218, 13.3667, 9.6703



25.2246, 13.3667, 1.6313



17.7955, 13.3667, 0.0000

Triad

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



25.2246, 13.3667, 1.6313



4.2133, 13.3667, 5.0523



14.7475, 13.3667, 87.0254

Complementary

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



25.2246, 13.3667, 1.6313



31.0252, 44.3655, 64.0544

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.



8.6910, 13.3667, 80.6436



25.2246, 13.3667, 1.6313



3.8896, 13.3667, 20.8551

Square

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



25.2246, 13.3667, 1.6313



6.3322, 13.3667, 0.6297



5.2140, 13.3667, 50.8944



22.3478, 13.3667, 64.4502

Rectangle

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



25.2246, 13.3667, 1.6313



12.9513, 13.3667, 0.0000



5.2140, 13.3667, 50.8944



12.4612, 13.3667, 88.4339

Sweetspot

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



25.2249, 13.3676, 1.6315



67.4565, 59.9172, 53.1377



35.1962, 17.1854, 54.6662



13.7406, 11.8078, 9.9733



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.



25.2249, 13.3676, 1.6315



41.3418, 21.4636, 1.9639



31.0898, 25.0973, 3.5864



11.2449, 11.2787, 11.6638



15.7397, 8.2124, 0.7556



0.8239, 0.4474, 0.0429

Inverse Universe

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



31.0252, 44.3655, 64.0544



50.8903, 72.9005, 105.9968



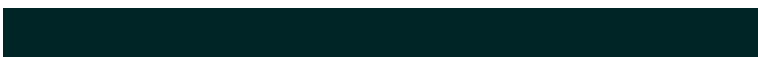
15.8294, 13.9741, 58.9892



11.5065, 12.6535, 14.4063



19.3707, 27.7654, 40.2946



1.0106, 1.4549, 2.0825

Previews

White Background



This preview shows how the XYZ color 25.2246, 13.3667, 1.6313 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 25.2246, 13.3667, 1.6313

Background



This preview shows how black text looks on a background with the XYZ color 25.2246, 13.3667, 1.6313.



This preview shows how white text looks on a background with the XYZ color 25.2246, 13.3667,

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

25.2246, 13.3667, 1.6313

Protanopia

12.4001, 13.7126, 3.2896

Deuteranopia

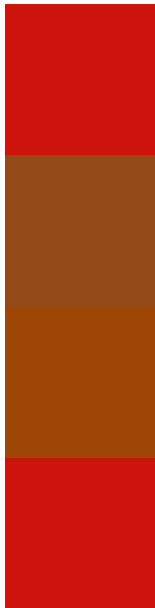
13.8219, 13.7490, 1.9253



Tritanopia

25.2124, 13.3618, 1.5669

Trichromacy



Original Color

25.2246, 13.3667, 1.6313

Protanomaly

14.7602, 11.1269, 2.2339

Deuteranomaly

16.3181, 11.6604, 1.5342

Tritanomaly

25.2184, 13.3642, 1.5982

Monochromacy



Original Color

25.2246, 13.3667, 1.6313

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

9.8242, 6.9512, 4.0727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2246, 13.3667, 1.6313 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, 20, 13)` looks like.

```
.text, #text, p{  
    color:rgb(204, 20, 13)  
}
```

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, 20, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 20, 13) }
```

Border

The CSS property to change the border of an element to XYZ 25.2246, 13.3667, 1.6313 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, 20, 13) }
```


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

```
.border{ border-color:rgb(204, 20, 13) }
```

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

Here you see how a box with a 4 pixel rgb(204, 20, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 20, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 20, 13);  
box-shadow:4px 4px 4px 4px rgb(204, 20,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2246, 13.3667, 1.6313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 20, 13) }
```

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

```
.background{ background-color: rgb(204, 20,  
13) }
```

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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