

Converting Colors

XYZ(25.6748, 13.2280, 1.5579)

Have a look what the booklet for
XYZ(25.6748, 13.2280, 1.5579)
contains.

XYZ(25.7985, 13.2919, 1.5537)	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(25.7985, 13.2919,
1.5537)**

Conversions

Conversions Part 1

Format	Color
Hex	CF000C
RGB	207, 0, 12
RGB Percent	81%, 0%, 5%
CMY	0.1882, 0.9998, 0.9529
CMYK	0.00, 1.00, 0.94, 0.19
HSL	357°, 100%, 41%
HSV	357°, 100%, 81%
XYZ	25.7985, 13.2919, 1.5537
YIQ	63.2610, 119.5200, 47.6160

Conversions

Conversions Part 2

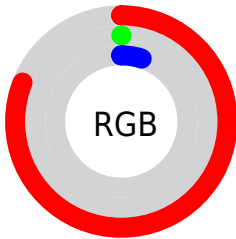
Format	Color
RYB	207, 0, 12
Decimal	13565964
CIELab	43.20, 68.56, 53.56
CIElCh	43, 87.002, 37.996
Yxy	13.2919, 0.6347, 0.3270
Android (android.graphics.Color)	4291756044 (0xFFCF000C)
YUV	63.2610, -25.2717, 126.0591
Hunter-Lab	36.4581, 62.5088, 22.9939

Details

The XYZ color **25.7985, 13.2919, 1.5537** 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 **32.1680, 48.5676, 59.3323**, and the grayscale version is **4.7903, 5.0398, 5.4883**.

A 20% lighter version of the original color is **45.4101, 28.2525, 7.4748**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.7981, 13.2918, 1.5525**, and if you desaturate by 10%, it is **26.2494, 13.8938, 2.6298**.

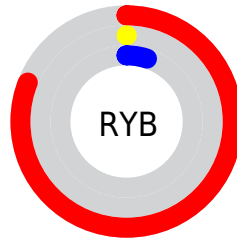
Distribution



Red (81%)

Green (0%)

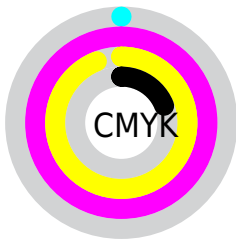
Blue (5%)



Red (81%)

Yellow (0%)

Blue (5%)

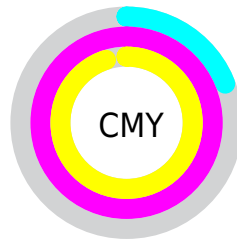


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (19%)



Cyan (19%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7985, 13.2919, 1.5537 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 25.7985, 13.2919, 1.5537 by changing the saturation by 10% instead.


 25.7985, 13.2919,
1.5537


 25.7985, 13.2919,
1.5537


 274.0664,
212.7800, 115.0089


 16.8048, 7.6299,
0.2575


 52.3833, 31.8272,
7.7802


 10.1899, 3.8590,
0.0000


 70.7052, 45.4693,
13.7062


 5.5883, 1.5950,
0.0000

 92.8672, 62.5401,
22.0655

 2.6346, 0.3542,
0.0000

 119.2347, 83.4241,
33.2765


 0.9636, 0.0000,
0.0000


 150.1730,
108.5058, 47.7578


 0.0000, 0.0000,
0.0000


 186.0474,


138.1693, 65.9279


 227.2235,
172.7993, 88.2055


 25.7985, 13.2919,
1.5537


 25.7985, 13.2919,
1.5537


 25.7981, 13.2918,
1.5525

 26.2494, 13.8938,
2.6298

 27.1380, 15.1210,
4.6213

 28.5840, 17.1746,
7.6880

 30.6592, 20.1660,
11.9530

 33.4246, 24.1892,
17.5225

■ 36.9339, 29.3267,
24.4911

■ 41.2355, 35.6529,
32.9446

■ 46.3738, 43.2357,
42.9621

■ 52.3898, 52.1377,
54.6168

Harmonies

Analogous

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



30.2373, 13.2919, 9.9110



25.7985, 13.2919, 1.5537



18.1202, 13.2919, 0.0000

Triad

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



25.7985, 13.2919, 1.5537



4.0408, 13.2919, 4.5633



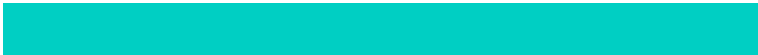
14.5176, 13.2919, 90.7615

Complementary

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



25.7985, 13.2919, 1.5537



32.1680, 48.5676, 59.3323

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.



8.3840, 13.2919, 83.0465



25.7985, 13.2919, 1.5537



3.6712, 13.2919, 20.2549

Square

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



25.7985, 13.2919, 1.5537



6.2314, 13.2919, 0.4139



4.9411, 13.2919, 51.3011



22.3751, 13.2919, 67.6155

Rectangle

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



25.7985, 13.2919, 1.5537



13.0909, 13.2919, 0.0000



4.9411, 13.2919, 51.3011



12.1869, 13.2919, 91.9128

Sweetspot

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



25.7988, 13.2928, 1.5539



65.7991, 56.7157, 52.2358



33.3068, 15.8699, 60.3388



13.4244, 11.1690, 9.8877



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.



25.7988, 13.2928, 1.5539



41.3244, 21.2937, 2.3742



29.3650, 20.5311, 2.4164



11.8360, 11.8192, 12.4124



16.2657, 8.3791, 1.0393



0.9194, 0.4725, 0.1104

Inverse Universe

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



25.7988, 13.2928, 1.5539



41.3244, 21.2937, 2.3742



17.6613, 17.3020, 61.4399



11.8360, 11.8192, 12.4124



16.2657, 8.3791, 1.0393



0.9194, 0.4725, 0.1104

Previews

White Background



This preview shows how the XYZ color 25.7985, 13.2919, 1.5537 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 25.7985, 13.2919, 1.5537

Background



This preview shows how black text looks on a background with the XYZ color 25.7985, 13.2919, 1.5537.



This preview shows how white text looks on a background with the XYZ color 25.7985, 13.2919,

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

25.7985, 13.2919, 1.5537

Protanopia

12.6350, 13.9840, 3.3296

Deuteranopia

13.9776, 13.8292, 1.9326



Tritanopia

25.4097, 13.4449, 1.2559

Trichromacy



Original Color

25.7985, 13.2919, 1.5537

Protanomaly

14.7497, 10.5643, 2.1259

Deuteranomaly

16.0975, 10.9347, 1.3770

Tritanomaly

25.6070, 13.3935, 1.3504

Monochromacy



Original Color

25.7985, 13.2919, 1.5537

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

8.2836, 5.3443, 2.9778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7985, 13.2919, 1.5537 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, 12)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 12)  
}
```

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, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 12) }
```

Border

The CSS property to change the border of an element to XYZ 25.7985, 13.2919, 1.5537 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, 12) }
```


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

```
.border{ border-color:rgb(207, 0, 12) }
```

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, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 12);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 12)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.7985, 13.2919, 1.5537 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, 12) }
```

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

```
.background{ background-color: rgb(207, 0,  
12) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor