

Converting Colors

XYZ(25.1823, 13.0432, 1.9854)

Have a look what the booklet for
XYZ(25.1823, 13.0432, 1.9854)
contains.

XYZ(25.1108, 13.0078, 1.9979)	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(25.1108, 13.0078,
1.9979)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0517
RGB	204, 5, 23
RGB Percent	80%, 2%, 9%
CMY	0.2000, 0.9802, 0.9098
CMYK	0.00, 0.98, 0.89, 0.20
HSL	355°, 95%, 41%
HSV	355°, 98%, 80%
XYZ	25.1108, 13.0078, 1.9979
YIQ	66.5530, 112.8260, 47.7860

Conversions

Conversions Part 2

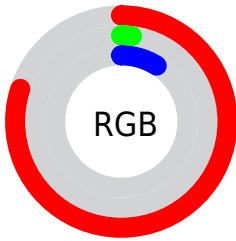
Format	Color
R_{YB}	204, 5, 23
Decimal	13370647
CIE _{Lab}	42.77, 67.49, 48.58
CIE _{LCh}	43, 83.160, 35.749
Yxy	13.0078, 0.6259, 0.3243
Android (android.graphics.Color)	4291560727 (0xFFCC0517)
YUV	66.5530, -21.4716, 120.5410
Hunter-Lab	36.0663, 61.1627, 21.9621

Details

The XYZ color **25.1108, 13.0078, 1.9979** 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 **30.5233, 46.7649, 53.8957**, and the grayscale version is **5.2886, 5.5640, 6.0592**.

A 20% lighter version of the original color is **45.7224, 28.5061, 8.7226**, and **10.8152, 5.5754, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **25.0143, 12.8823, 1.7582**, and if you desaturate by 10%, it is **25.6689, 13.7157, 3.4439**.

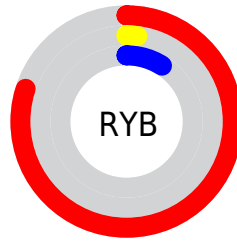
Distribution



Red (80%)

Green (2%)

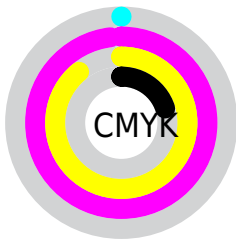
Blue (9%)



Red (80%)

Yellow (2%)

Blue (9%)

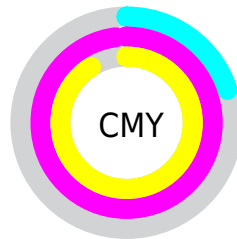


Cyan (0%)

Magenta (98%)

Yellow (89%)

Black (20%)



Cyan (20%)


Magenta (98%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1108, 13.0078, 1.9979 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 25.1108, 13.0078, 1.9979 by changing the saturation by 10% instead.


 25.1108, 13.0078,
1.9979


 25.1108, 13.0078,
1.9979


270.7268,
210.9677, 122.3442


 16.2888, 7.4339,
0.5540


 51.2785, 31.3178,
9.0351


 9.8209, 3.7349,
0.0000


 69.3549, 44.8227,
15.5208


 5.3417, 1.5264,
0.0000

 91.2469, 61.7401,
24.5428

 2.4859, 0.3072,
0.0000

 117.3197, 82.4543,
36.5194


 0.8882, 0.0000,
0.0000


 147.9387,
107.3498, 51.8694


 0.0000, 0.0000,
0.0000


 183.4693,


136.8109, 71.0111


 224.2769,
171.2221, 94.3632


 25.1108, 13.0078,
1.9979


 25.1108, 13.0078,
1.9979


 25.0143, 12.8823,
1.7582

 25.6689, 13.7157,
3.4439

 26.6913, 15.1066,
5.8004

 28.2637, 17.3220,
9.1895

 30.4497, 20.4635,
13.7119

 33.3043, 24.6179,
19.4567

■ 36.8762, 29.8619,
26.5039

■ 41.2095, 36.2649,
34.9266

■ 46.3449, 43.8907,
44.7927

■ 52.3200, 52.7981,
56.1654

Harmonies

Analogous

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



28.8645, 13.0078, 10.9498



25.1108, 13.0078, 1.9979



18.0688, 13.0078, 0.0000

Triad

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



25.1108, 13.0078, 1.9979



4.2537, 13.0078, 4.1265



13.6236, 13.0078, 84.8934

Complementary

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



25.1108, 13.0078, 1.9979



30.5233, 46.7649, 53.8957

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.



8.0067, 13.0078, 75.6743



25.1108, 13.0078, 1.9979



3.7754, 13.0078, 17.9510

Square

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



25.1108, 13.0078, 1.9979



6.5273, 13.0078, 0.4376



4.8810, 13.0078, 45.8624



20.9279, 13.0078, 65.4937

Rectangle

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



25.1108, 13.0078, 1.9979



13.2882, 13.0078, 0.0000



4.8810, 13.0078, 45.8624



11.4828, 13.0078, 85.1558

Sweetspot

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



25.1111, 13.0086, 1.9981



66.8215, 57.9471, 55.0844



30.7458, 14.6723, 58.3379



13.6271, 11.4044, 10.4791



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.



25.1111, 13.0086, 1.9981



41.3948, 21.3219, 2.7452



28.1484, 19.2866, 2.3839



11.2528, 11.2298, 11.8657



15.7595, 8.1144, 1.1861



0.8275, 0.4244, 0.1374

Inverse Universe

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



25.1111, 13.0086, 1.9981



41.3948, 21.3219, 2.7452



18.2222, 18.9122, 59.8164



11.2528, 11.2298, 11.8657



15.7595, 8.1144, 1.1861



0.8275, 0.4244, 0.1374

Previews

White Background



This preview shows how the XYZ color 25.1108, 13.0078, 1.9979 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 25.1108, 13.0078, 1.9979

Background



This preview shows how black text looks on a background with the XYZ color 25.1108, 13.0078, 1.9979.



This preview shows how white text looks on a background with the XYZ color 25.1108, 13.0078,

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

25.1108, 13.0078, 1.9979

Protanopia

12.3207, 13.5054, 4.0553

Deuteranopia

13.5736, 13.4812, 1.8867



Tritanopia

24.8615, 13.1623, 1.2302

Trichromacy



Original Color

25.1108, 13.0078, 1.9979

Protanomaly

14.3285, 10.3328, 2.7526

Deuteranomaly

15.7819, 10.8524, 1.4927

Tritanomaly

24.8295, 13.0281, 1.4357

Monochromacy



Original Color

25.1108, 13.0078, 1.9979

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

8.8343, 5.8223, 3.7902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1108, 13.0078, 1.9979 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, 5, 23)` looks like.

```
.text, #text, p{  
    color:rgb(204, 5, 23)  
}
```

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, 5, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 5, 23) }
```

Border

The CSS property to change the border of an element to XYZ 25.1108, 13.0078, 1.9979 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, 5, 23) }
```


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

```
.border{ border-color:rgb(204, 5, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 5, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 5, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 5, 23);  
box-shadow:4px 4px 4px 4px rgb(204, 5, 23)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.1108, 13.0078, 1.9979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 5, 23) }
```

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

```
.background{ background-color: rgb(204, 5,  
23) }
```

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