

Converting Colors

XYZ(25.9750, 13.6346, 1.4975)

Have a look what the booklet for
XYZ(25.9750, 13.6346, 1.4975)
contains.

XYZ(25.9468, 13.6246, 1.4920)	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(25.9468, 13.6246,
1.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0F08
RGB	207, 15, 8
RGB Percent	81%, 6%, 3%
CMY	0.1882, 0.9410, 0.9686
CMYK	0.00, 0.93, 0.96, 0.19
HSL	2°, 93%, 42%
HSV	2°, 96%, 81%
XYZ	25.9468, 13.6246, 1.4920
YIQ	71.6100, 116.6790, 38.5270

Conversions

Conversions Part 2

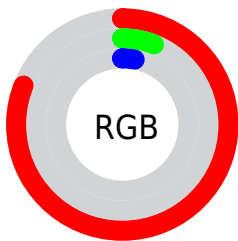
Format	Color
R_{YB}	207, 15, 8
Decimal	13569800
CIE Lab	43.69, 67.07, 55.05
CIE LCh	44, 86.772, 39.380
Yxy	13.6246, 0.6319, 0.3318
Android (android.graphics.Color)	4291759880 (0xFFCF0F08)
YUV	71.6100, -31.3597, 118.7370
Hunter-Lab	36.9115, 60.8807, 23.4415

Details

The XYZ color **25.9468, 13.6246, 1.4920** 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 **32.0088, 45.8491, 66.1937**, and the grayscale version is **6.1339, 6.4534, 7.0277**.

A 20% lighter version of the original color is **45.6856, 28.8881, 7.3057**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.8113, 13.4241, 1.2307**, and if you desaturate by 10%, it is **26.5512, 14.5548, 2.5531**.

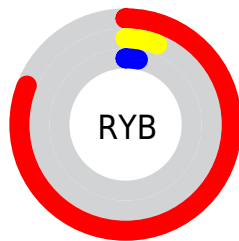
Distribution



Red (81%)

Green (6%)

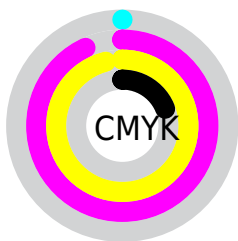
Blue (3%)



Red (81%)

Yellow (6%)

Blue (3%)

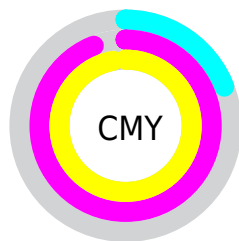


Cyan (0%)

Magenta (93%)

Yellow (96%)

Black (19%)



Cyan (19%)


Magenta (94%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9468, 13.6246, 1.4920 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 25.9468, 13.6246, 1.4920 by changing the saturation by 10% instead.


 25.9468, 13.6246,
1.4920


 25.9468, 13.6246,
1.4920


 274.7823,
214.8828, 113.9100


 16.9163, 7.8600,
0.2120


 52.6210, 32.4214,
7.5986


 10.2698, 4.0055,
0.0000


 70.9955, 46.2225,
13.4410

 5.6418, 1.6767,
0.0000

 93.2153, 63.4712,
21.7008

 2.6671, 0.4085,
0.0000

 119.6458, 84.5519,
32.7965


 0.9803, 0.0000,
0.0000


 150.6524,
109.8490, 47.1468


 0.0000, 0.0000,
0.0000


 186.6005,


139.7469, 65.1701


 227.8553,
174.6301, 87.2849


 25.9468, 13.6246,
1.4920


 25.9468, 13.6246,
1.4920


 25.8113, 13.4241,
1.2307

 26.5512, 14.5548,
2.5531

 27.6597, 16.2201,
4.6233

 29.3526, 18.7328,
7.8798

 31.6956, 22.1851,
12.4642

 34.7455, 26.6574,
18.4981

■ 38.5529, 32.2214,
26.0893

■ 43.1638, 38.9424,
35.3357

■ 48.6205, 46.8806,
46.3269

■ 54.9624, 56.0919,
59.1462

Harmonies

Analogous

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



30.6557, 13.6246, 9.5208



25.9468, 13.6246, 1.4920



18.1336, 13.6246, 0.0000

Triad

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



25.9468, 13.6246, 1.4920



4.1503, 13.6246, 5.1557



15.2049, 13.6246, 91.1960

Complementary

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



25.9468, 13.6246, 1.4920



32.0088, 45.8491, 66.1937

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.



8.8620, 13.6246, 84.9609



25.9468, 13.6246, 1.4920



3.8470, 13.6246, 21.8300

Square

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



25.9468, 13.6246, 1.4920



6.2887, 13.6246, 0.5773



5.2330, 13.6246, 53.6501



23.1686, 13.6246, 66.8484

Rectangle

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



25.9468, 13.6246, 1.4920



13.0920, 13.6246, 0.0000



5.2330, 13.6246, 53.6501



12.8086, 13.6246, 92.8828

Sweetspot

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



25.9471, 13.6255, 1.4922



66.6564, 58.7397, 51.5677



36.2869, 17.6263, 56.3578



13.5891, 11.5842, 9.6781



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.



25.9471, 13.6255, 1.4922



41.3378, 21.4557, 1.9626



31.8082, 25.3476, 3.4459



11.8418, 11.8742, 12.2799



16.2770, 8.4869, 0.7803



0.9221, 0.4986, 0.0476

Inverse Universe

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



32.0088, 45.8491, 66.1937



51.0017, 73.1234, 106.0339



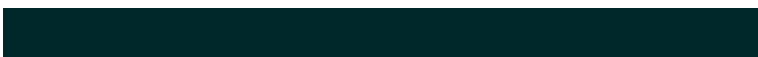
16.0033, 13.8382, 60.8586



12.1211, 13.3324, 15.1782



20.0782, 28.8029, 41.6938



1.1341, 1.6334, 2.3351

Previews

White Background



This preview shows how the XYZ color 25.9468, 13.6246, 1.4920 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 25.9468, 13.6246, 1.4920

Background



This preview shows how black text looks on a background with the XYZ color 25.9468, 13.6246, 1.4920.



This preview shows how white text looks on a background with the XYZ color 25.9468, 13.6246,

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

25.9468, 13.6246, 1.4920

Protanopia

12.7324, 14.0385, 3.1372

Deuteranopia

14.0729, 14.0199, 1.9644



Tritanopia

25.6699, 13.5544, 1.2633

Trichromacy



Original Color

25.9468, 13.6246, 1.4920

Protanomaly

15.0304, 11.1729, 2.0739

Deuteranomaly

16.4426, 11.6337, 1.4651

Tritanomaly

25.6705, 13.5293, 1.3446

Monochromacy



Original Color

25.9468, 13.6246, 1.4920

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

9.6234, 6.6544, 3.6829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9468, 13.6246, 1.4920 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, 15, 8)` looks like.

```
.text, #text, p{  
    color:rgb(207, 15, 8)  
}
```

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, 15, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 15, 8) }
```

Border

The CSS property to change the border of an element to XYZ 25.9468, 13.6246, 1.4920 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, 15, 8) }
```


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

```
.border{ border-color:rgb(207, 15, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 15, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 15, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 15, 8);  
box-shadow:4px 4px 4px 4px rgb(207, 15, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.9468, 13.6246, 1.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 15, 8) }
```

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

```
.background{ background-color: rgb(207, 15,  
8) }
```

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