

Converting Colors

XYZ(26.3913, 13.5982, 1.5909)

Have a look what the booklet for
XYZ(26.3913, 13.5982, 1.5909)
contains.

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Color

**XYZ(26.3609, 13.5819,
1.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	D1000C
RGB	209, 0, 12
RGB Percent	82%, 0%, 5%
CMY	0.1804, 0.9998, 0.9529
CMYK	0.00, 1.00, 0.94, 0.18
HSL	357°, 100%, 41%
HSV	357°, 100%, 82%
XYZ	26.3609, 13.5819, 1.5800
YIQ	63.8590, 120.7120, 48.0400

Conversions

Conversions Part 2

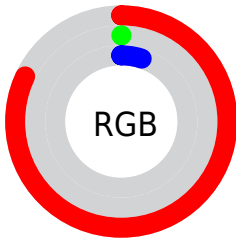
Format	Color
RYB	209, 0, 12
Decimal	13697036
CIELab	43.63, 69.06, 54.02
CIELCh	44, 87.677, 38.037
Yxy	13.5819, 0.6349, 0.3271
Android (android.graphics.Color)	4291887116 (0xFFD1000C)
YUV	63.8590, -25.5665, 127.2887
Hunter-Lab	36.8536, 63.1848, 23.2556

Details

The XYZ color **26.3609, 13.5819, 1.5800** 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 **32.8842, 49.6342, 60.6982**, and the grayscale version is **4.8803, 5.1344, 5.5914**.

A 20% lighter version of the original color is **45.4101, 28.2525, 7.4748**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.3604, 13.5817, 1.5786**, and if you desaturate by 10%, it is **26.8182, 14.1923, 2.6714**.

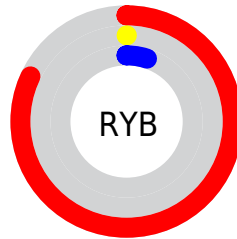
Distribution



Red (82%)

Green (0%)

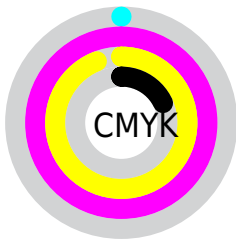
Blue (5%)



Red (82%)

Yellow (0%)

Blue (5%)

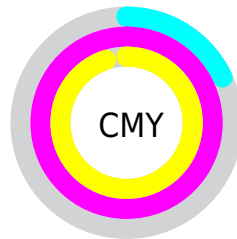


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (18%)



Cyan (18%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3609, 13.5819, 1.5800 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 26.3609, 13.5819, 1.5800 by changing the saturation by 10% instead.

 26.3609, 13.5819,
1.5800


 26.3609, 13.5819,
1.5800


 276.7736,
214.6141, 115.4706


 17.2279, 7.8305,
0.2765


 53.2838, 32.3453,
7.8570


 10.4934, 3.9866,
0.0000


 71.8043, 46.1261,
13.8182

 5.7921, 1.6661,
0.0000

 94.1849, 63.3520,
22.2192

 2.7585, 0.4016,
0.0000

 120.7906, 84.4076,
33.4786

 1.0274, 0.0000,
0.0000


 151.9870,
109.6772, 48.0149


 0.0000, 0.0000,
0.0000


 188.1394,


139.5452, 66.2466


 229.6131,
174.3961, 88.5923


 26.3609, 13.5819,
1.5800

 26.3609, 13.5819,
1.5800


 26.3604, 13.5817,
1.5786

 26.8182, 14.1923,
2.6714

 27.7234, 15.4429,
4.6990

 29.1988, 17.5386,
7.8266

 31.3177, 20.5933,
12.1806

 34.1428, 24.7034,
17.8700

■ 37.7290, 29.9535,
24.9918

■ 42.1261, 36.4197,
33.6343

■ 47.3794, 44.1715,
43.8781

■ 53.5310, 53.2731,
55.7987

Harmonies

Analogous

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



30.9071, 13.5819, 10.1043



26.3609, 13.5819, 1.5800



18.5077, 13.5819, 0.0000

Triad

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



26.3609, 13.5819, 1.5800



4.1243, 13.5819, 4.6710



14.8457, 13.5819, 92.7965

Complementary

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



26.3609, 13.5819, 1.5800



32.8842, 49.6342, 60.6982

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.



8.5716, 13.5819, 84.9506



26.3609, 13.5819, 1.5800



3.7488, 13.5819, 20.7339

Square

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



26.3609, 13.5819, 1.5800



6.3600, 13.5819, 0.4309



5.0491, 13.5819, 52.4987



22.8805, 13.5819, 69.0884

Rectangle

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



26.3609, 13.5819, 1.5800



13.3671, 13.5819, 0.0000



5.0491, 13.5819, 52.4987



12.4618, 13.5819, 93.9902

Sweetspot

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



26.3612, 13.5828, 1.5802



65.7944, 56.7139, 52.2114



34.0326, 16.2158, 61.6574



13.4234, 11.1686, 9.8822



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.



26.3612, 13.5828, 1.5802



41.3233, 21.2933, 2.3687



30.0010, 20.9681, 2.4674



11.8358, 11.8190, 12.4110



16.2651, 8.3789, 1.0365



0.9193, 0.4724, 0.1098

Inverse Universe

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



26.3612, 13.5828, 1.5802



41.3233, 21.2933, 2.3687



18.0411, 17.6676, 62.7805



11.8358, 11.8190, 12.4110



16.2651, 8.3789, 1.0365



0.9193, 0.4724, 0.1098

Previews

White Background



This preview shows how the XYZ color 26.3609, 13.5819, 1.5800 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



This preview shows how the XYZ color 26.3609, 13.5819, 1.5800 looks on a 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 26.3609, 13.5819, 1.5800

Background



This preview shows how black text looks on a background with the XYZ color 26.3609, 13.5819, 1.5800.



This preview shows how white text looks on a background with the XYZ color 26.3609, 13.5819,

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

26.3609, 13.5819, 1.5800

Protanopia

12.8726, 14.2585, 3.3700

Deuteranopia

14.2300, 14.1009, 1.9717



Tritanopia

25.9650, 13.7311, 1.2819

Trichromacy



Original Color

26.3609, 13.5819, 1.5800

Protanomaly

14.9345, 10.6596, 2.1345

Deuteranomaly

16.5533, 11.2526, 1.4144

Tritanomaly

26.1658, 13.6816, 1.3766

Monochromacy



Original Color

26.3609, 13.5819, 1.5800

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

8.6027, 5.5572, 3.1019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3609, 13.5819, 1.5800 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(209, 0, 12)` looks like.

```
.text, #text, p{  
  color:rgb(209, 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(209, 0, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 12) }
```

Border

The CSS property to change the border of an element to XYZ 26.3609, 13.5819, 1.5800 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(209, 0, 12) }
```


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

```
.border{ border-color:rgb(209, 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(209, 0, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 12);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 12)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.3609, 13.5819, 1.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 12) }
```

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

```
.background{ background-color: rgb(209, 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](#).

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