

Converting Colors

XYZ(26.3807, 14.5618, 1.4203)

Have a look what the booklet for
XYZ(26.3807, 14.5618, 1.4203)
contains.

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Color

**XYZ(26.3937, 14.5885,
1.4248)**

Conversions

Conversions Part 1

Format	Color
Hex	CF2500
RGB	207, 37, 0
RGB Percent	81%, 15%, 0%
CMY	0.1882, 0.8548, 1.0000
CMYK	0.00, 0.82, 1.00, 0.19
HSL	11°, 100%, 41%
HSV	11°, 100%, 81%
XYZ	26.3937, 14.5885, 1.4248
YIQ	83.6120, 113.1970, 24.5330

Conversions

Conversions Part 2

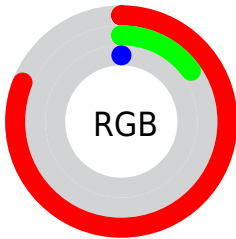
Format	Color
R_{YB}	207, 45, 0
Decimal	13575424
CIE Lab	45.07, 62.99, 58.16
CIE LCh	45, 85.733, 42.714
Yxy	14.5885, 0.6224, 0.3440
Android (android.graphics.Color)	4291765504 (0xFFCF2500)
YUV	83.6120, -41.2207, 108.2113
Hunter-Lab	38.1949, 56.5072, 24.5247

Details

The XYZ color **26.3937, 14.5885, 1.4248** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **25.6347, 33.2494, 64.0977**, and the grayscale version is **8.4142, 8.8524, 9.6403**.

A 20% lighter version of the original color is **46.4868, 30.6502, 7.0804**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **26.3939, 14.5893, 1.4249**, and if you desaturate by 10%, it is **27.1844, 15.9580, 2.3425**.

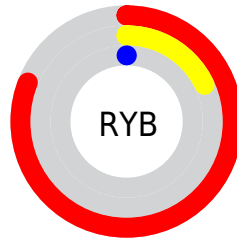
Distribution



Red (81%)

Green (15%)

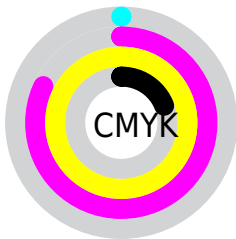
Blue (0%)



Red (81%)

Yellow (18%)

Blue (0%)

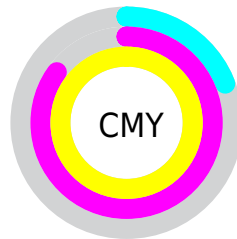


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (85%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3937, 14.5885, 1.4248 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 26.3937, 14.5885, 1.4248 by changing the saturation by 10% instead.


 26.3937, 14.5885,
1.4248


 26.3937, 14.5885,
1.4248


 276.9308,
220.8618, 112.6863


 17.2526, 8.5311,
0.1609


 53.3362, 34.1297,
7.3984


 10.5112, 4.4366,
0.0000


 71.8683, 48.3822,
13.1477

 5.8040, 1.9207,
0.0000

 94.2615, 66.1352,
21.2967

 2.7658, 0.5608,
0.0000

 120.8811, 87.7732,
32.2640

 1.0312, 0.0000,
0.0000


 152.0925,
113.6804, 46.4680


 0.0000, 0.0000,
0.0000


 188.2610,


144.2413, 64.3274


 229.7520,
179.8403, 86.2607


 26.3937, 14.5885,
1.4248


 26.3937, 14.5885,
1.4248


 26.3939, 14.5893,
1.4249

 27.1844, 15.9580,
2.3425

 28.3933, 17.9363,
4.1004

 30.0949, 20.5956,
6.9614

 32.3383, 23.9920,
11.0702

 35.1660, 28.1759,
16.5497

■ 38.6165, 33.1930,
23.5076

■ 42.7247, 39.0855,
32.0411

■ 47.5229, 45.8928,
42.2389

■ 53.0412, 53.6516,
54.1833

Harmonies

Analogous

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



31.7270, 14.5885, 8.7836



26.3937, 14.5885, 1.4248



18.2942, 14.5885, 0.0000

Triad

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



26.3937, 14.5885, 1.4248



4.5352, 14.5885, 6.9189



17.0666, 14.5885, 91.7644

Complementary

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



26.3937, 14.5885, 1.4248



25.6347, 33.2494, 64.0977

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.



10.2170, 14.5885, 89.2086



26.3937, 14.5885, 1.4248



4.4037, 14.5885, 26.0460

Square

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



26.3937, 14.5885, 1.4248



6.5562, 14.5885, 1.0296



6.1031, 14.5885, 59.4222



25.2369, 14.5885, 64.8556

Rectangle

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



26.3937, 14.5885, 1.4248



13.2343, 14.5885, 0.0000



6.1031, 14.5885, 59.4222



14.5173, 14.5885, 94.7185

Sweetspot

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



26.3940, 14.5894, 1.4250



68.2151, 62.2723, 50.8076



33.2265, 16.2632, 40.6698



13.9748, 12.4335, 9.5664



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.



26.3940, 14.5894, 1.4250



42.2013, 23.1826, 2.2504



34.8205, 31.4424, 4.2338



11.9773, 12.1452, 12.3250



16.6790, 9.2911, 0.9143



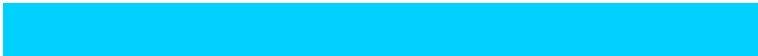
0.9857, 0.6257, 0.0688

Inverse Universe

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



25.6347, 33.2494, 64.0977



40.9497, 53.0194, 102.6832



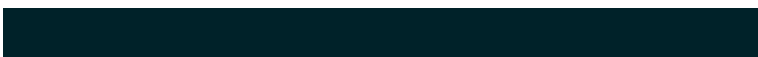
13.3907, 8.7614, 60.0164



11.9711, 13.0325, 15.1282



16.2140, 21.0746, 40.4057



0.9547, 1.2746, 2.2753

Previews

White Background



This preview shows how the XYZ color 26.3937, 14.5885, 1.4248 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 26.3937, 14.5885, 1.4248 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 26.3937, 14.5885, 1.4248

Background



This preview shows how black text looks on a background with the XYZ color 26.3937, 14.5885, 1.4248.



This preview shows how white text looks on a background with the XYZ color 26.3937, 14.5885,

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

26.3937, 14.5885, 1.4248

Protanopia

13.4232, 14.8603, 3.0805

Deuteranopia

14.9047, 14.7370, 2.0590



Tritanopia

26.6077, 14.5773, 2.8502

Trichromacy



Original Color

26.3937, 14.5885, 1.4248

Protanomaly

16.0597, 12.7474, 2.1043

Deuteranomaly

17.6247, 13.1302, 1.6055

Tritanomaly

26.4984, 14.5813, 2.1273

Monochromacy



Original Color

26.3937, 14.5885, 1.4248

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

11.7030, 8.9385, 4.4766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3937, 14.5885, 1.4248 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, 37, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 37, 0)  
}
```

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, 37, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 37, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.3937, 14.5885, 1.4248 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, 37, 0) }
```


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

```
.border{ border-color:rgb(207, 37, 0) }
```

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

Here you see how a box with a 4 pixel rgb(207, 37, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 37, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 37, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 37, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.3937, 14.5885, 1.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 37, 0) }
```

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

```
.background{ background-color: rgb(207, 37,  
0) }
```

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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