

Converting Colors

XYZ(25.8469, 13.2968, 2.4638)

Have a look what the booklet for
XYZ(25.8469, 13.2968, 2.4638)
contains.

XYZ(25.9665, 13.3591, 2.4383)	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(25.9665, 13.3591,
2.4383)**

Conversions

Conversions Part 1

Format	Color
Hex	CF001E
RGB	207, 0, 30
RGB Percent	81%, 0%, 12%
CMY	0.1882, 0.9998, 0.8823
CMYK	0.00, 1.00, 0.86, 0.19
HSL	351°, 100%, 41%
HSV	351°, 100%, 81%
XYZ	25.9665, 13.3591, 2.4383
YIQ	65.3130, 113.7420, 53.2140

Conversions

Conversions Part 2

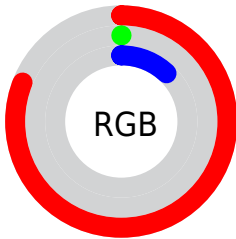
Format	Color
R_{YB}	207, 0, 30
Decimal	13565982
CIE _{Lab}	43.30, 68.83, 45.87
CIE _{LCh}	43, 82.716, 33.677
Yxy	13.3591, 0.6217, 0.3199
Android (android.graphics.Color)	4291756062 (0xFFCF001E)
YUV	65.3130, -17.4093, 124.2595
Hunter-Lab	36.5501, 62.8501, 21.6298

Details

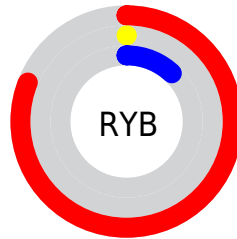
The XYZ color **25.9665, 13.3591, 2.4383** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **30.2530, 47.8016, 49.2479**, and the grayscale version is **5.0894, 5.3544, 5.8310**.

A 20% lighter version of the original color is **45.8723, 28.4374, 9.9087**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **25.9659, 13.3589, 2.4360**, and if you desaturate by 10%, it is **26.5228, 14.0032, 4.0694**.

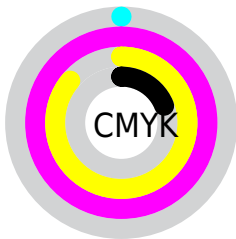
Distribution



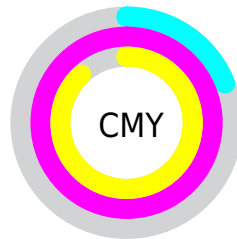
- Red (81%)
- Green (0%)
- Blue (12%)



- Red (81%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9665, 13.3591, 2.4383 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 25.9665, 13.3591, 2.4383 by changing the saturation by 10% instead.


 25.9665, 13.3591,
2.4383


 25.9665, 13.3591,
2.4383


274.8773,
213.2064, 128.8493


 16.9311, 7.6763,
0.8072


 52.6526, 31.9474,
10.2077

 10.2804, 3.8885,
0.0000


 71.0340, 45.6217,
17.1915


 5.6490, 1.6114,
0.0000

 93.2615, 62.7287,
26.7994

 2.6714, 0.3653,
0.0000

 119.7004, 83.6526,
39.4499

 0.9825, 0.0000,
0.0000


 150.7161,
108.7780, 55.5617


 0.0000, 0.0000,
0.0000


 186.6739,


138.4891, 75.5531


 227.9392,
173.1705, 99.8428


 25.9665, 13.3591,
2.4383


 25.9665, 13.3591,
2.4383


 25.9659, 13.3589,
2.4360

 26.5228, 14.0032,
4.0694

 27.5062, 15.2683,
6.5605

 29.0279, 17.3522,
10.0255

 31.1530, 20.3635,
14.5529

 33.9371, 24.3941,
20.2211

■ 37.4295, 29.5249,
27.1012

■ 41.6748, 35.8286,
35.2580

■ 46.7137, 43.3716,
44.7521

■ 52.5841, 52.2154,
55.6399

Harmonies

Analogous

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



29.3998, 13.3591, 12.3971



25.9665, 13.3591, 2.4383



18.9856, 13.3591, 0.0360

Triad

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



25.9665, 13.3591, 2.4383



4.5434, 13.3591, 3.8355



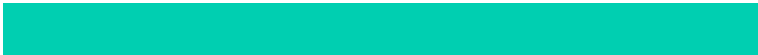
13.5045, 13.3591, 85.8777

Complementary

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



25.9665, 13.3591, 2.4383



30.2530, 47.8016, 49.2479

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.



7.9781, 13.3591, 74.6821



25.9665, 13.3591, 2.4383



3.9408, 13.3591, 16.9295

Square

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



25.9665, 13.3591, 2.4383



7.0151, 13.3591, 0.4069



4.9536, 13.3591, 44.2183



20.8330, 13.3591, 68.1442

Rectangle

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



25.9665, 13.3591, 2.4383



14.1040, 13.3591, 0.0000



4.9536, 13.3591, 44.2183



11.3876, 13.3591, 85.4144

Sweetspot

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



25.9668, 13.3600, 2.4385



66.5079, 56.9992, 55.9682



29.1574, 13.7308, 60.1447



13.5859, 11.2336, 10.7380



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.



25.9668, 13.3600, 2.4385



41.5726, 21.3930, 3.6814



28.0805, 17.9620, 1.9882



11.8775, 11.8357, 12.6306



16.3811, 8.4253, 1.6470



0.9389, 0.4803, 0.2128

Inverse Universe

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



25.9668, 13.3600, 2.4385



41.5726, 21.3930, 3.6814



19.8662, 21.7118, 62.1749



11.8775, 11.8357, 12.6306



16.3811, 8.4253, 1.6470



0.9389, 0.4803, 0.2128

Previews

White Background



This preview shows how the XYZ color 25.9665, 13.3591, 2.4383 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 25.9665, 13.3591, 2.4383 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 25.9665, 13.3591, 2.4383

Background



This preview shows how black text looks on a background with the XYZ color 25.9665, 13.3591, 2.4383.



This preview shows how white text looks on a background with the XYZ color 25.9665, 13.3591,

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

25.9665, 13.3591, 2.4383

Protanopia

12.8298, 14.0464, 5.0526

Deuteranopia

13.9776, 13.8292, 1.9326



Tritanopia

25.6865, 13.5876, 1.2688

Trichromacy



Original Color

25.9665, 13.3591, 2.4383

Protanomaly

14.8376, 10.5783, 3.5453

Deuteranomaly

16.1360, 10.9501, 1.5797

Tritanomaly

25.6455, 13.4089, 1.5531

Monochromacy



Original Color

25.9665, 13.3591, 2.4383

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

8.7489, 5.6157, 3.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9665, 13.3591, 2.4383 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, 30)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 30)  
}
```

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, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 30) }
```

Border

The CSS property to change the border of an element to XYZ 25.9665, 13.3591, 2.4383 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, 30) }
```


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

```
.border{ border-color:rgb(207, 0, 30) }
```

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, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 30);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 30)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.9665, 13.3591, 2.4383 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, 30) }
```

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

```
.background{ background-color: rgb(207, 0,  
30) }
```

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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