

Converting Colors

XYZ(26.9337, 14.4213, 5.5699)

Have a look what the booklet for
XYZ(26.9337, 14.4213, 5.5699)
contains.

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Color

**XYZ(26.9368, 14.4117,
5.4997)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1C3B
RGB	207, 28, 59
RGB Percent	81%, 11%, 23%
CMY	0.1882, 0.8901, 0.7686
CMYK	0.00, 0.86, 0.71, 0.19
HSL	350°, 76%, 46%
HSV	350°, 86%, 81%
XYZ	26.9368, 14.4117, 5.4997
YIQ	85.0550, 96.7330, 47.5890

Conversions

Conversions Part 2

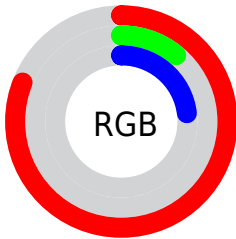
Format	Color
R_{YB}	207, 28, 59
Decimal	13573179
CIE _{Lab}	44.82, 66.28, 30.93
CIE _{LCh}	45, 73.143, 25.014
Yxy	14.4117, 0.5750, 0.3076
Android (android.graphics.Color)	4291763259 (0xFFCF1C3B)
YUV	85.0550, -12.8451, 106.9458
Hunter-Lab	37.9627, 60.2214, 17.9845

Details

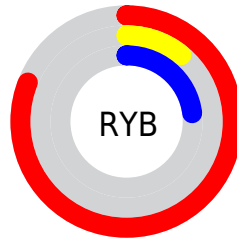
The XYZ color **26.9368, 14.4117, 5.4997** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **30.6306, 48.0079, 48.7368**, and the grayscale version is **8.6601, 9.1111, 9.9220**.

A 20% lighter version of the original color is **48.0244, 30.6663, 17.0237**, and **11.6108, 5.9730, 1.1132** is the 20% darker color. If you saturate the color by 10%, you get **26.2272, 13.5906, 3.4205**, and if you desaturate by 10%, it is **28.1272, 15.9621, 8.4574**.

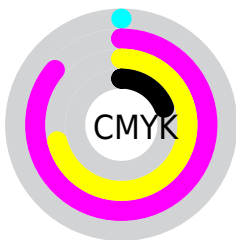
Distribution



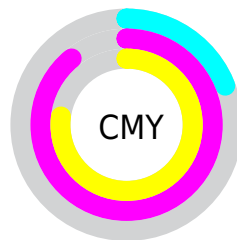
- Red (81%)
- Green (11%)
- Blue (23%)



- Red (81%)
- Yellow (11%)
- Blue (23%)



- Cyan (0%)
- Magenta (86%)
- Yellow (71%)
- Black (19%)





- Cyan (19%)
- Magenta (89%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9368, 14.4117, 5.4997 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 26.9368, 14.4117, 5.4997 by changing the saturation by 10% instead.


 26.9368, 14.4117,
5.4997


 26.9368, 14.4117,
5.4997


279.5241,
219.7772, 163.6671


 17.6621, 8.4076,
2.4795


 54.2030, 33.8178,
17.3427


 10.8059, 4.3568,
0.8293


 72.9253, 47.9885,
27.0025


 6.0028, 1.8751,
0.0000


 95.5274, 65.6502,
39.7127

 2.8875, 0.5333,
0.0000

 122.3749, 87.1873,
55.8917

 1.0945, 0.0000,
0.0000

 153.8329,
112.9841, 75.9581

 0.0205, 0.0000,
0.0000

 190.2668,

 0.0000, 0.0000,

143.4251, 100.3305

0.0000

232.0421,
178.8947, 129.4273

■ 26.9368, 14.4117,
5.4997

■ 26.9368, 14.4117,
5.4997

■ 26.2272, 13.5906,
3.4205

■ 28.1272, 15.9621,
8.4574

■ 26.0478, 13.3916,
2.8674

■ 29.8723, 18.3680,
12.3814

■ 32.2320, 21.7315,
17.3482

■ 35.2582, 26.1397,
23.4263

■ 38.9973, 31.6698,
30.6783

■ 43.4912, 38.3916,
39.1620

■ 48.7788, 46.3695,
48.9314

■ 54.8960, 55.6629,
60.0373

■ 61.8768, 66.3277,
72.5276

Harmonies

Analogous

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



28.5894, 14.4117, 18.7223



26.9368, 14.4117, 5.4997



21.3799, 14.4117, 1.2347

Triad

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



26.9368, 14.4117, 5.4997



6.2878, 14.4117, 3.3903



12.7253, 14.4117, 76.4025

Complementary

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



26.9368, 14.4117, 5.4997



30.6306, 48.0079, 48.7368

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.



8.1193, 14.4117, 60.8989



26.9368, 14.4117, 5.4997



5.1563, 14.4117, 13.0075

Square

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



26.9368, 14.4117, 5.4997



9.3992, 14.4117, 0.7683



5.7133, 14.4117, 34.0747



19.1406, 14.4117, 68.2223

Rectangle

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



26.9368, 14.4117, 5.4997



16.8818, 14.4117, 0.4626



5.7133, 14.4117, 34.0747



10.9418, 14.4117, 73.5865

Sweetspot

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



26.9371, 14.4126, 5.4999



69.8190, 61.7046, 62.9817



29.1753, 14.3566, 60.2644



14.3719, 12.3487, 12.4088



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.



26.9371, 14.4126, 5.4999



41.6972, 21.4429, 4.3377



29.1665, 19.7987, 3.3842



11.8911, 11.8412, 12.7022



16.4358, 8.4472, 1.9351



0.9452, 0.4828, 0.2462

Inverse Universe

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



26.9371, 14.4126, 5.4999



41.6972, 21.4429, 4.3377



22.6998, 26.6680, 62.9821



11.8911, 11.8412, 12.7022



16.4358, 8.4472, 1.9351



0.9452, 0.4828, 0.2462

Previews

White Background



This preview shows how the XYZ color 26.9368, 14.4117, 5.4997 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 26.9368, 14.4117, 5.4997

Background



This preview shows how black text looks on a background with the XYZ color 26.9368, 14.4117, 5.4997.



This preview shows how white text looks on a background with the XYZ color 26.9368, 14.4117,

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

26.9368, 14.4117, 5.4997

Protanopia

13.8368, 14.7487, 10.7118

Deuteranopia

14.9786, 14.7110, 4.9558



Tritanopia

26.3001, 14.3757, 2.8275

Trichromacy



Original Color

26.9368, 14.4117, 5.4997

Protanomaly

16.2416, 12.2665, 8.3491

Deuteranomaly

17.6559, 12.7628, 4.9011

Tritanomaly

26.3880, 14.3220, 3.5641

Monochromacy



Original Color

26.9368, 14.4117, 5.4997

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

12.1912, 8.8557, 7.9043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9368, 14.4117, 5.4997 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, 28, 59)` looks like.

```
.text, #text, p{  
    color:rgb(207, 28, 59)  
}
```

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, 28, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 28, 59) }
```

Border

The CSS property to change the border of an element to XYZ 26.9368, 14.4117, 5.4997 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, 28, 59) }
```


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

```
.border{ border-color:rgb(207, 28, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 28, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 28, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 28, 59);  
box-shadow:4px 4px 4px 4px rgb(207, 28,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9368, 14.4117, 5.4997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 28, 59) }
```

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

```
.background{ background-color: rgb(207, 28,  
59) }
```

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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