

Converting Colors

XYZ(26.7190, 14.4289, 4.6414)

Have a look what the booklet for
XYZ(26.7190, 14.4289, 4.6414)
contains.

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Color

**XYZ(26.8419, 14.4933,
4.6316)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1F34
RGB	207, 31, 52
RGB Percent	81%, 12%, 20%
CMY	0.1882, 0.8784, 0.7961
CMYK	0.00, 0.85, 0.75, 0.19
HSL	353°, 74%, 47%
HSV	353°, 85%, 81%
XYZ	26.8419, 14.4933, 4.6316
YIQ	86.0180, 98.1550, 43.8430

Conversions

Conversions Part 2

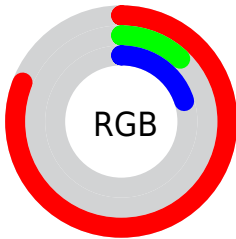
Format	Color
R_{YB}	207, 31, 52
Decimal	13573940
CIE _{Lab}	44.93, 65.40, 35.24
CIE _{LCh}	45, 74.292, 28.317
Yxy	14.4933, 0.5839, 0.3153
Android (android.graphics.Color)	4291764020 (0xFFCF1F34)
YUV	86.0180, -16.7709, 106.1012
Hunter-Lab	38.0701, 59.2316, 19.4358

Details

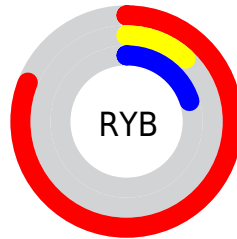
The XYZ color **26.8419, 14.4933, 4.6316** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **31.7431, 48.4628, 54.1456**, and the grayscale version is **8.8710, 9.3330, 10.1636**.

A 20% lighter version of the original color is **47.7668, 30.7102, 15.2145**, and **11.5509, 5.9490, 0.7979** is the 20% darker color. If you saturate the color by 10%, you get **26.1293, 13.6035, 2.7445**, and if you desaturate by 10%, it is **28.0602, 16.1414, 7.4696**.

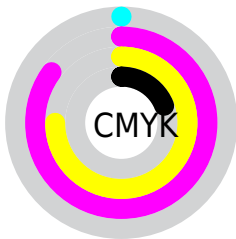
Distribution



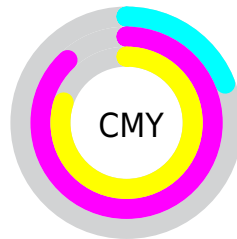
- Red (81%)
- Green (12%)
- Blue (20%)



- Red (81%)
- Yellow (12%)
- Blue (20%)



- Cyan (0%)
- Magenta (85%)
- Yellow (75%)
- Black (19%)





- Cyan (19%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8419, 14.4933, 4.6316 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 26.8419, 14.4933, 4.6316 by changing the saturation by 10% instead.

 26.8419, 14.4933,
4.6316


 26.8419, 14.4933,
4.6316


279.0723,
220.2784, 155.0063


 17.5905, 8.4646,
1.9778


 54.0517, 33.9618,
15.4420


 10.7543, 4.3936,
0.5416


 72.7409, 48.1703,
24.4358

 5.9679, 1.8961,
0.0000


 95.3067, 65.8742,
36.3800

 2.8661, 0.5460,
0.0000

 122.1144, 87.4579,
51.6932

 1.0833, 0.0000,
0.0000

 153.5295,
113.3058, 70.7939

 0.0111, 0.0000,
0.0000

 189.9173,

 0.0000, 0.0000,

143.8023, 94.1006

0.0000

231.6431,
179.3317, 122.0319

■ 26.8419, 14.4933,
4.6316

■ 26.8419, 14.4933,
4.6316

■ 26.1293, 13.6035,
2.7445

■ 28.0602, 16.1414,
7.4696

■ 25.9039, 13.3341,
2.1101

■ 29.8572, 18.6667,
11.3631

■ 32.2946, 22.1701,
16.4035

■ 35.4259, 26.7380,
22.6719

■ 39.2990, 32.4473,
30.2420

■ 43.9574, 39.3680,
39.1819

■ 49.4413, 47.5641,
49.5546

■ 55.7881, 57.0954,
61.4194

■ 63.0330, 68.0178,
74.8322

Harmonies

Analogous

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



29.0755, 14.4933, 16.7849



26.8419, 14.4933, 4.6316



20.8726, 14.4933, 0.9966

Triad

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



26.8419, 14.4933, 4.6316



6.0302, 14.4933, 3.9192



13.4349, 14.4933, 78.4735

Complementary

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



26.8419, 14.4933, 4.6316



31.7431, 48.4628, 54.1456

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.



8.5026, 14.4933, 64.8531



26.8419, 14.4933, 4.6316



5.0831, 14.4933, 14.8175

Square

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



26.8419, 14.4933, 4.6316



8.9412, 14.4933, 0.8437



5.8343, 14.4933, 37.5837



20.0977, 14.4933, 67.4094

Rectangle

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



26.8419, 14.4933, 4.6316



16.2809, 14.4933, 0.3298



5.8343, 14.4933, 37.5837



11.5412, 14.4933, 76.5113

Sweetspot

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



26.8422, 14.4942, 4.6318



69.4059, 61.5394, 60.8063



31.4089, 15.6190, 60.3903



14.2767, 12.3106, 11.9072



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.



26.8422, 14.4942, 4.6318



41.4795, 21.3558, 3.1913



30.1210, 21.6473, 3.8885



11.8653, 11.8308, 12.5663



16.3393, 8.4085, 1.4267



0.9331, 0.4780, 0.1828

Inverse Universe

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



26.8422, 14.4942, 4.6318



41.4795, 21.3558, 3.1913



21.5716, 24.2837, 62.5812



11.8653, 11.8308, 12.5663



16.3393, 8.4085, 1.4267



0.9331, 0.4780, 0.1828

Previews

White Background



This preview shows how the XYZ color 26.8419, 14.4933, 4.6316 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 26.8419, 14.4933, 4.6316

Background



This preview shows how black text looks on a background with the XYZ color 26.8419, 14.4933, 4.6316.



This preview shows how white text looks on a background with the XYZ color 26.8419, 14.4933,

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

26.8419, 14.4933, 4.6316

Protanopia

13.7647, 14.7502, 8.9591

Deuteranopia

14.9831, 14.7312, 4.1515



Tritanopia

26.6077, 14.5773, 2.8502

Trichromacy



Original Color

26.8419, 14.4933, 4.6316

Protanomaly

16.2035, 12.3868, 6.8471

Deuteranomaly

17.7560, 12.9354, 4.0436

Tritanomaly

26.6872, 14.5627, 3.4118

Monochromacy



Original Color

26.8419, 14.4933, 4.6316

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

12.3902, 9.1367, 7.5891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8419, 14.4933, 4.6316 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, 31, 52)` looks like.

```
.text, #text, p{  
    color:rgb(207, 31, 52)  
}
```

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, 31, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 31, 52) }
```

Border

The CSS property to change the border of an element to XYZ 26.8419, 14.4933, 4.6316 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, 31, 52) }
```


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

```
.border{ border-color:rgb(207, 31, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 31, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 31, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 31, 52);  
box-shadow:4px 4px 4px 4px rgb(207, 31,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8419, 14.4933, 4.6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 31, 52) }
```

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

```
.background{ background-color: rgb(207, 31,  
52) }
```

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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