

Converting Colors

XYZ(27.0718, 14.2085, 3.7171)

Have a look what the booklet for
XYZ(27.0718, 14.2085, 3.7171)
contains.

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Color

**XYZ(26.9496, 14.1381,
3.6914)**

Conversions

Conversions Part 1

Format	Color
Hex	D1112C
RGB	209, 17, 44
RGB Percent	82%, 7%, 17%
CMY	0.1804, 0.9332, 0.8274
CMYK	0.00, 0.92, 0.79, 0.18
HSL	352°, 85%, 44%
HSV	352°, 92%, 82%
XYZ	26.9496, 14.1381, 3.6914
YIQ	77.4860, 105.7650, 49.1010

Conversions

Conversions Part 2

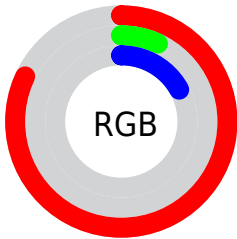
Format	Color
R _Y B	209, 17, 44
Decimal	13701420
CIE Lab	44.43, 68.00, 39.46
CIE LCh	44, 78.623, 30.125
Yxy	14.1381, 0.6018, 0.3157
Android (android.graphics.Color)	4291891500 (0xFFD1112C)
YUV	77.4860, -16.5086, 115.3378
Hunter-Lab	37.6007, 62.1355, 20.4997

Details

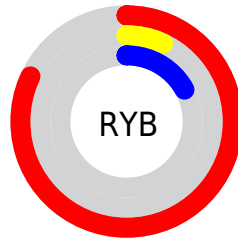
The XYZ color **26.9496, 14.1381, 3.6914** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **31.4789, 49.0988, 52.0912**, and the grayscale version is **7.1641, 7.5372, 8.2080**.

A 20% lighter version of the original color is **46.8265, 29.4804, 12.8951**, and **11.6771, 6.0197, 0.5465** is the 20% darker color. If you saturate the color by 10%, you get **26.5206, 13.6457, 2.4220**, and if you desaturate by 10%, it is **27.8538, 15.2846, 6.0345**.

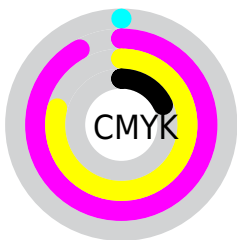
Distribution



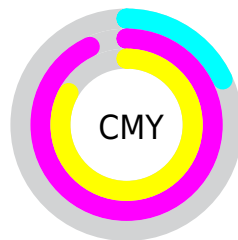
- Red (82%)
- Green (7%)
- Blue (17%)



- Red (82%)
- Yellow (7%)
- Blue (17%)



- Cyan (0%)
- Magenta (92%)
- Yellow (79%)
- Black (18%)





- Cyan (18%)
- Magenta (93%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9496, 14.1381, 3.6914 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 26.9496, 14.1381, 3.6914 by changing the saturation by 10% instead.

 26.9496, 14.1381,
3.6914


 26.9496, 14.1381,
3.6914


279.5850,
218.0883, 144.7309


 17.6718, 8.2168,
1.4576


 54.2234, 33.3339,
13.2915


 10.8128, 4.2340,
0.1861


 72.9502, 47.3771,
21.4950

 6.0075, 1.8053,
0.0000


 95.5572, 64.8964,
32.5254

 2.8903, 0.4905,
0.0000

 122.4100, 86.2762,
46.8013

 1.0960, 0.0000,
0.0000

 153.8738,
111.9009, 64.7413

 0.0218, 0.0000,
0.0000

 190.3140,

 0.0000, 0.0000,

142.1549, 86.7639

0.0000

232.0959,
177.4226, 113.2876

■ 26.9496, 14.1381,
3.6914

■ 26.9496, 14.1381,
3.6914

■ 26.5206, 13.6457,
2.4220

■ 27.8538, 15.2846,
6.0345

■ 29.2950, 17.2441,
9.3600

■ 31.3430, 20.1333,
13.7628

■ 34.0564, 24.0490,
19.3261

■ 37.4871, 29.0760,
26.1249

■ 41.6816, 35.2902,
34.2279

■ 46.6825, 42.7606,
43.6985

■ 52.5292, 51.5513,
54.5960

■ 59.2586, 61.7218,
66.9764

Harmonies

Analogous

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



29.6487, 14.1381, 15.3181



26.9496, 14.1381, 3.6914



20.4560, 14.1381, 0.5893

Triad

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



26.9496, 14.1381, 3.6914



5.4072, 14.1381, 3.7425



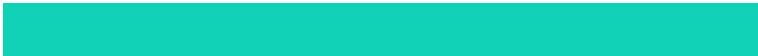
13.4644, 14.1381, 83.1558

Complementary

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



26.9496, 14.1381, 3.6914



31.4789, 49.0988, 52.0912

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.



8.2423, 14.1381, 69.6981



26.9496, 14.1381, 3.6914



4.5729, 14.1381, 15.4701

Square

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



26.9496, 14.1381, 3.6914



8.2091, 14.1381, 0.6013



5.4216, 14.1381, 40.3450



20.5169, 14.1381, 69.4902

Rectangle

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



26.9496, 14.1381, 3.6914



15.6346, 14.1381, 0.0000



5.4216, 14.1381, 40.3450



11.4571, 14.1381, 81.5766

Sweetspot

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



26.9499, 14.1390, 3.6916



67.9936, 59.2535, 58.6749



30.5795, 14.7332, 61.5533



13.8647, 11.6567, 11.2457



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.



26.9499, 14.1390, 3.6916



41.5557, 21.3863, 3.5926



29.5833, 19.9708, 2.8272



11.8754, 11.8349, 12.6198



16.3736, 8.4223, 1.6075



0.9379, 0.4799, 0.2078

Inverse Universe

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



26.9499, 14.1390, 3.6916



41.5557, 21.3863, 3.5926



21.3852, 24.0127, 63.8290



11.8754, 11.8349, 12.6198



16.3736, 8.4223, 1.6075



0.9379, 0.4799, 0.2078

Previews

White Background



This preview shows how the XYZ color 26.9496, 14.1381, 3.6914 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 26.9496, 14.1381, 3.6914 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 26.9496, 14.1381, 3.6914

Background



This preview shows how black text looks on a background with the XYZ color 26.9496, 14.1381, 3.6914.



This preview shows how white text looks on a background with the XYZ color 26.9496, 14.1381,

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

26.9496, 14.1381, 3.6914

Protanopia

13.4733, 14.6336, 7.4246

Deuteranopia

14.7195, 14.4694, 3.2454



Tritanopia

26.7303, 14.2522, 1.9144

Trichromacy



Original Color

26.9496, 14.1381, 3.6914

Protanomaly

15.8159, 11.6974, 5.5619

Deuteranomaly

17.1915, 12.0787, 3.0154

Tritanomaly

26.7605, 14.1708, 2.3617

Monochromacy



Original Color

26.9496, 14.1381, 3.6914

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

11.0017, 7.6573, 6.0524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9496, 14.1381, 3.6914 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, 17, 44)` looks like.

```
.text, #text, p{  
    color:rgb(209, 17, 44)  
}
```

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, 17, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 17, 44) }
```

Border

The CSS property to change the border of an element to XYZ 26.9496, 14.1381, 3.6914 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, 17, 44) }
```


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

```
.border{ border-color:rgb(209, 17, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 17, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 17, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 17, 44);  
box-shadow:4px 4px 4px 4px rgb(209, 17,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9496, 14.1381, 3.6914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 17, 44) }
```

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

```
.background{ background-color: rgb(209, 17,  
44) }
```

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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