

Converting Colors

XYZ(26.7039, 14.6890, 3.1291)

Have a look what the booklet for
XYZ(26.7039, 14.6890, 3.1291)
contains.

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Color

**XYZ(26.7121, 14.7159,
3.1016)**

Conversions

Conversions Part 1

Format	Color
Hex	CF2524
RGB	207, 37, 36
RGB Percent	81%, 15%, 14%
CMY	0.1882, 0.8548, 0.8588
CMYK	0.00, 0.82, 0.83, 0.19
HSL	0°, 70%, 48%
HSV	0°, 83%, 81%
XYZ	26.7121, 14.7159, 3.1016
YIQ	87.7160, 101.6410, 35.7290

Conversions

Conversions Part 2

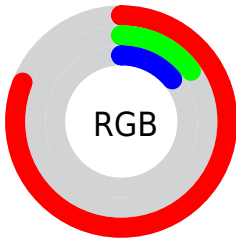
Format	Color
RYB	207, 37, 36
Decimal	13575460
CIELab	45.24, 63.53, 44.51
CIELCh	45, 77.574, 35.013
Yxy	14.7159, 0.5999, 0.3305
Android (android.graphics.Color)	4291765540 (0xFFCF2524)
YUV	87.7160, -25.4960, 104.6121
Hunter-Lab	38.3613, 57.1625, 22.0592

Details

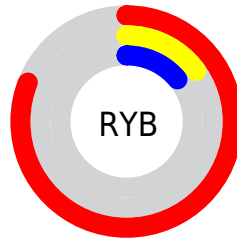
The XYZ color **26.7121, 14.7159, 3.1016** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34.0572, 49.0145, 66.6967**, and the grayscale version is **9.2538, 9.7357, 10.6021**.

A 20% lighter version of the original color is **47.3585, 30.9989, 11.6709**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.0121, 13.6844, 1.7336**, and if you desaturate by 10%, it is **27.9556, 16.5430, 5.5515**.

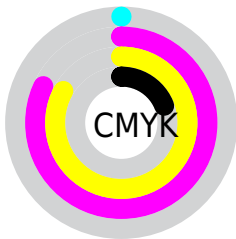
Distribution



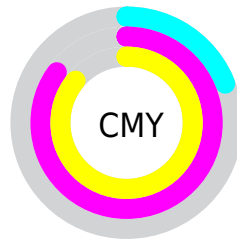
- Red (81%)
- Green (15%)
- Blue (14%)



- Red (81%)
- Yellow (15%)
- Blue (14%)



- Cyan (0%)
- Magenta (82%)
- Yellow (83%)
- Black (19%)





- Cyan (19%)
- Magenta (85%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7121, 14.7159, 3.1016 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 26.7121, 14.7159, 3.1016 by changing the saturation by 10% instead.


 26.7121, 14.7159,
3.1016


 26.7121, 14.7159,
3.1016


278.4535,
221.6401, 137.6443


 17.4926, 8.6202,
1.1467


 53.8447, 34.3540,
11.8781


 10.6838, 4.4943,
0.0000


 72.4885, 48.6652,
19.5369

 5.9203, 1.9537,
0.0000

 95.0044, 66.4838,
29.9340

 2.8369, 0.5804,
0.0000

 121.7578, 88.1941,
43.4881


 1.0681, 0.0000,
0.0000


 153.1141,
114.1804, 60.6176


 0.0000, 0.0000,
0.0000


 189.4385,


144.8273, 81.7411


 231.0966,
180.5191, 107.2772


 26.7121, 14.7159,
3.1016


 26.7121, 14.7159,
3.1016


 26.0121, 13.6844,
1.7336

 27.9556, 16.5430,
5.5515

 25.7453, 13.2920,
1.2087

 29.8221, 19.2798,
9.2450

 32.3791, 23.0248,
14.3177

 35.6851, 27.8633,
20.8872

 39.7923, 33.8712,
29.0585

■ 44.7484, 41.1179,
38.9274

■ 50.5971, 49.6674,
50.5821

■ 57.3794, 59.5790,
64.1045

■ 65.1336, 70.9087,
79.5717

Harmonies

Analogous

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



30.2178, 14.7159, 13.1308



26.7121, 14.7159, 3.1016



19.8690, 14.7159, 0.5377

Triad

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



26.7121, 14.7159, 3.1016



5.5229, 14.7159, 5.2562



15.0925, 14.7159, 83.2311

Complementary

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



26.7121, 14.7159, 3.1016



34.0572, 49.0145, 66.6967

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.



9.3981, 14.7159, 74.0803



26.7121, 14.7159, 3.1016



4.9483, 14.7159, 19.3117

Square

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



26.7121, 14.7159, 3.1016



8.0378, 14.7159, 1.0124



6.1234, 14.7159, 46.0274



22.3222, 14.7159, 65.8411

Rectangle

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



26.7121, 14.7159, 3.1016



15.0865, 14.7159, 0.0506



6.1234, 14.7159, 46.0274



12.9423, 14.7159, 83.2354

Sweetspot

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



26.7124, 14.7168, 3.1018



69.4398, 62.5691, 57.8518



37.6252, 19.0320, 60.7214



14.2530, 12.5004, 11.1679



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.



26.7124, 14.7168, 3.1018



41.2979, 21.3535, 2.0182



32.9486, 27.1892, 5.1805



11.8143, 11.8193, 12.2707



16.2233, 8.3795, 0.7623



0.9091, 0.4726, 0.0433

Inverse Universe

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



34.0572, 49.0145, 66.6967



53.3652, 77.8030, 106.8126



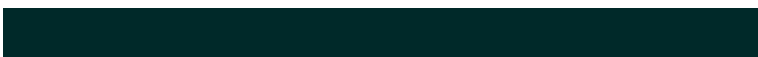
18.8882, 18.6765, 61.6404



12.1521, 13.3945, 15.1886



20.9696, 30.5858, 41.9909



1.1745, 1.7141, 2.3485

Previews

White Background



This preview shows how the XYZ color 26.7121, 14.7159, 3.1016 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 26.7121, 14.7159, 3.1016 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 26.7121, 14.7159, 3.1016

Background



This preview shows how black text looks on a background with the XYZ color 26.7121, 14.7159, 3.1016.



This preview shows how white text looks on a background with the XYZ color 26.7121, 14.7159,

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

26.7121, 14.7159, 3.1016

Protanopia

13.6362, 14.9134, 5.6499

Deuteranopia

15.0059, 14.7775, 2.5918



Tritanopia

26.7121, 14.7159, 3.1016

Trichromacy



Original Color

26.7121, 14.7159, 3.1016

Protanomaly

16.2929, 12.8191, 4.3049

Deuteranomaly

17.7896, 13.1961, 2.4736

Tritanomaly

26.7121, 14.7159, 3.1016

Monochromacy



Original Color

26.7121, 14.7159, 3.1016

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

12.5624, 9.5112, 6.8040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7121, 14.7159, 3.1016 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, 36)` looks like.

```
.text, #text, p{  
    color:rgb(207, 37, 36)  
}
```

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, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 37, 36) }
```

Border

The CSS property to change the border of an element to XYZ 26.7121, 14.7159, 3.1016 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, 36) }
```


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

```
.border{ border-color:rgb(207, 37, 36) }
```

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, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 37, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 37, 36);  
box-shadow:4px 4px 4px 4px rgb(207, 37,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7121, 14.7159, 3.1016 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, 36) }
```

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

```
.background{ background-color: rgb(207, 37,  
36) }
```

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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