

Converting Colors

XYZ(26.7207, 14.3657, 1.3645)

Have a look what the booklet for
XYZ(26.7207, 14.3657, 1.3645)
contains.

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Color

**XYZ(26.6864, 14.3392,
1.3612)**

Conversions

Conversions Part 1

Format	Color
Hex	D11B00
RGB	209, 27, 0
RGB Percent	82%, 11%, 0%
CMY	0.1804, 0.8940, 1.0000
CMYK	0.00, 0.87, 1.00, 0.18
HSL	8°, 100%, 41%
HSV	8°, 100%, 82%
XYZ	26.6864, 14.3392, 1.3612
YIQ	78.3400, 117.1390, 30.1870

Conversions

Conversions Part 2

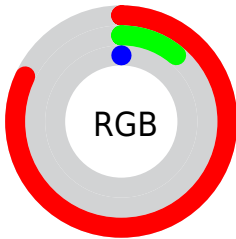
Format	Color
RYB	209, 31, 0
Decimal	13703936
CIELab	44.72, 65.70, 58.26
CIElCh	45, 87.815, 41.567
Yxy	14.3392, 0.6296, 0.3383
Android (android.graphics.Color)	4291894016 (0xFFD11B00)
YUV	78.3400, -38.6216, 114.5888
Hunter-Lab	37.8671, 59.5282, 24.3757

Details

The XYZ color **26.6864, 14.3392, 1.3612** 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 **28.2316, 38.0497, 66.1773**, and the grayscale version is **7.3636, 7.7470, 8.4365**.

A 20% lighter version of the original color is **45.9981, 29.7108, 6.8004**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.6867, 14.3401, 1.3614**, and if you desaturate by 10%, it is **27.3755, 15.5026, 2.2541**.

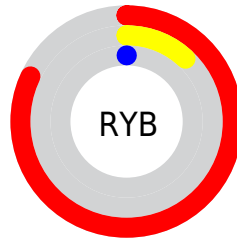
Distribution



Red (82%)

Green (11%)

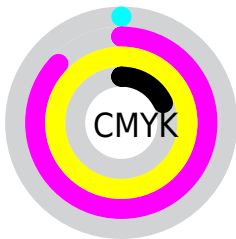
Blue (0%)



Red (82%)

Yellow (12%)

Blue (0%)

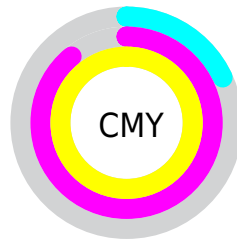


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (89%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6864, 14.3392, 1.3612 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 26.6864, 14.3392, 1.3612 by changing the saturation by 10% instead.


 26.6864, 14.3392,
1.3612


 26.6864, 14.3392,
1.3612


 278.3308,
219.3309, 111.5008


 17.4732, 8.3570,
0.1112


 53.8037, 33.6897,
7.2065


 10.6698, 4.3242,
0.0000


 72.4385, 47.8267,
12.8657


 5.9109, 1.8565,
0.0000

 94.9445, 65.4508,
20.9073

 2.8311, 0.5220,
0.0000

 121.6871, 86.9464,
31.7499

 1.0651, 0.0000,
0.0000


 153.0317,
112.6977, 45.8120


 0.0000, 0.0000,
0.0000


 189.3437,


143.0894, 63.5122


 230.9882,
178.5056, 85.2689


 26.6864, 14.3392,
1.3612


 26.6864, 14.3392,
1.3612


 26.6867, 14.3401,
1.3614

 27.3755, 15.5026,
2.2541

 28.5094, 17.3225,
4.0128

 30.1715, 19.8876,
6.9073

 32.4182, 23.2677,
11.0882

 35.2982, 27.5244,
16.6827

■ 38.8552, 32.7134,
23.8028

■ 43.1288, 38.8856,
32.5492

■ 48.1556, 46.0883,
43.0141

■ 53.9698, 54.3657,
55.2826

Harmonies

Analogous

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



31.9726, 14.3392, 8.9855



26.6864, 14.3392, 1.3612



18.4437, 14.3392, 0.0000

Triad

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



26.6864, 14.3392, 1.3612



4.3170, 14.3392, 6.1930



16.5691, 14.3392, 94.4089

Complementary

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



26.6864, 14.3392, 1.3612



28.2316, 38.0497, 66.1773

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.



9.7348, 14.3392, 90.4235



26.6864, 14.3392, 1.3612



4.1224, 14.3392, 24.8906

Square

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



26.6864, 14.3392, 1.3612



6.4024, 14.3392, 0.7966



5.7256, 14.3392, 58.8846



24.9087, 14.3392, 67.3214

Rectangle

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



26.6864, 14.3392, 1.3612



13.2573, 14.3392, 0.0000



5.7256, 14.3392, 58.8846



14.0075, 14.3392, 97.0325

Sweetspot

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



26.6867, 14.3401, 1.3614



67.3931, 60.6283, 50.5336



35.0107, 17.0418, 47.1308



13.7865, 12.0569, 9.5037



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.



26.6867, 14.3401, 1.3614



41.7830, 22.3461, 2.1110



34.1291, 29.2249, 3.8422



11.9302, 12.0511, 12.3093



16.4948, 8.9225, 0.8528



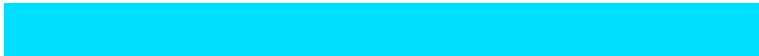
0.9638, 0.5818, 0.0615

Inverse Universe

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



28.2316, 38.0497, 66.1773



44.1791, 59.4783, 103.7597



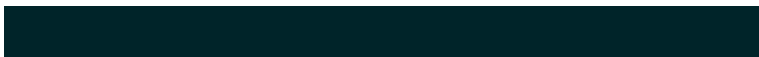
14.3857, 10.3578, 61.5620



12.0226, 13.1354, 15.1454



17.4581, 23.5629, 40.8204



1.0133, 1.3919, 2.2948

Previews

White Background



This preview shows how the XYZ color 26.6864, 14.3392, 1.3612 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 26.6864, 14.3392, 1.3612

Background



This preview shows how black text looks on a background with the XYZ color 26.6864, 14.3392, 1.3612.



This preview shows how white text looks on a background with the XYZ color 26.6864, 14.3392,

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

26.6864, 14.3392, 1.3612

Protanopia

13.1899, 14.5830, 3.0969

Deuteranopia

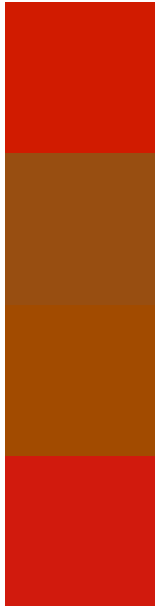
14.7430, 14.6536, 2.0514



Tritanopia

26.7992, 14.3482, 2.0665

Trichromacy



Original Color

26.6864, 14.3392, 1.3612

Protanomaly

15.7745, 12.1646, 2.0469

Deuteranomaly

17.4164, 12.7135, 1.5360

Tritanomaly

26.7365, 14.3232, 1.7362

Monochromacy



Original Color

26.6864, 14.3392, 1.3612

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

10.7439, 7.7938, 3.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6864, 14.3392, 1.3612 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, 27, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 27, 0)  
}
```

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, 27, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 27, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.6864, 14.3392, 1.3612 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, 27, 0) }
```


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

```
.border{ border-color:rgb(209, 27, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 27, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 27, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 27, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 27, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.6864, 14.3392, 1.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 27, 0) }
```

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

```
.background{ background-color: rgb(209, 27,  
0) }
```

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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