

Converting Colors

XYZ(26.9153, 13.6436, 11.8157)

Have a look what the booklet for
XYZ(26.9153, 13.6436, 11.8157)
contains.

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Color

**XYZ(26.9222, 13.6455,
11.8046)**

Conversions

Conversions Part 1

Format	Color
Hex	CC005E
RGB	204, 0, 94
RGB Percent	80%, 0%, 37%
CMY	0.2000, 0.9998, 0.6314
CMYK	0.00, 1.00, 0.54, 0.20
HSL	332°, 100%, 40%
HSV	332°, 100%, 80%
XYZ	26.9222, 13.6455, 11.8046
YIQ	71.7120, 91.4100, 72.4820

Conversions

Conversions Part 2

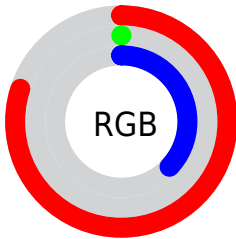
Format	Color
R_{YB}	204, 0, 94
Decimal	13369438
CIE _{Lab}	43.72, 70.95, 7.60
CIE _{LCh}	44, 71.359, 6.114
Yxy	13.6455, 0.5141, 0.2605
Android (android.graphics.Color)	4291559518 (0xFFCC005E)
YUV	71.7120, 10.9880, 116.0166
Hunter-Lab	36.9398, 65.4484, 6.9110

Details

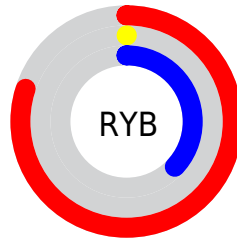
The XYZ color **26.9222, 13.6455, 11.8046** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **24.4098, 44.3124, 22.0295**, and the grayscale version is **6.0848, 6.4016, 6.9714**.

A 20% lighter version of the original color is **49.6822, 30.0900, 29.5750**, and **11.8821, 6.0614, 3.4494** is the 20% darker color. If you saturate the color by 10%, you get **26.9212, 13.6451, 11.7996**, and if you desaturate by 10%, it is **27.7096, 14.3732, 14.6791**.

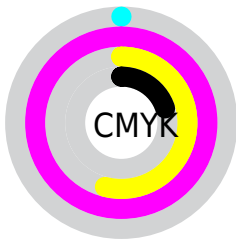
Distribution



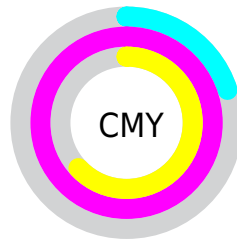
- Red (80%)
- Green (0%)
- Blue (37%)



- Red (80%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9222, 13.6455, 11.8046 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 26.9222, 13.6455, 11.8046 by changing the saturation by 10% instead.


 26.9222, 13.6455,
11.8046


 26.9222, 13.6455,
11.8046


279.4547,
215.0142, 214.0392


 17.6511, 7.8745,
6.4898


 54.1798, 32.4587,
29.7978


 10.7979, 4.0148,
3.0716


 72.8969, 46.2697,
43.3133


 5.9974, 1.6818,
1.1313


 95.4935, 63.5295,
60.3994

 2.8842, 0.4118,
0.0000

 122.3348, 84.6225,
81.4748

 1.0928, 0.0000,
0.0000

 153.7862,
109.9330, 106.9579

 0.0191, 0.0000,
0.0000

 190.2131,

 0.0000, 0.0000,

139.8456, 137.2673

0.0000

231.9808,
174.7445, 172.8216

■ 26.9222, 13.6455,
11.8046

■ 26.9222, 13.6455,
11.8046

■ 26.9212, 13.6451,
11.7996

■ 27.7096, 14.3732,
14.6791

■ 28.8418, 15.6732,
18.0295

■ 30.4145, 17.7329,
21.9007

■ 32.4800, 20.6529,
26.3225

■ 35.0826, 24.5180,
31.3216

■ 38.2616, 29.4030,
36.9223

■ 42.0522, 35.3748,
43.1471

■ 46.4867, 42.4948,
50.0173

■ 51.5951, 50.8197,
57.5529

Harmonies

Analogous

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



25.5430, 13.6455, 31.2046



26.9222, 13.6455, 11.8046



23.7803, 13.6455, 3.0753

Triad

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



26.9222, 13.6455, 11.8046



7.5945, 13.6455, 1.2668



9.0740, 13.6455, 64.7813

Complementary

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



26.9222, 13.6455, 11.8046



24.4098, 44.3124, 22.0295

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.



6.0618, 13.6455, 41.5136



26.9222, 13.6455, 11.8046



5.3959, 13.6455, 5.5311

Square

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



26.9222, 13.6455, 11.8046



11.8545, 13.6455, 0.3095



4.9294, 13.6455, 18.3963



14.1526, 13.6455, 71.5999

Rectangle

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



26.9222, 13.6455, 11.8046



19.9608, 13.6455, 1.1380



4.9294, 13.6455, 18.3963



7.8375, 13.6455, 58.0841

Sweetspot

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



26.9225, 13.6463, 11.8048



69.3648, 58.1420, 71.0125



17.1838, 7.6002, 57.6878



14.2497, 11.4991, 14.2336



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.



26.9225, 13.6463, 11.8048



44.4788, 22.5555, 18.9855



24.9762, 12.9858, 1.1913



11.4237, 11.2982, 12.7658



16.9905, 8.6068, 7.6687



0.9147, 0.4593, 0.5966

Inverse Universe

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



26.9225, 13.6463, 11.8048



44.4788, 22.5555, 18.9855



30.9114, 44.3837, 64.0642



11.4237, 11.2982, 12.7658



16.9905, 8.6068, 7.6687



0.9147, 0.4593, 0.5966

Previews

White Background



This preview shows how the XYZ color 26.9222, 13.6455, 11.8046 looks on a white background.

Color Contrast Check

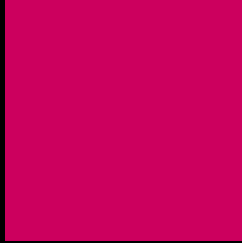
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9222, 13.6455, 11.8046 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 26.9222, 13.6455, 11.8046

Background



This preview shows how black text looks on a background with the XYZ color 26.9222, 13.6455, 11.8046.



This preview shows how white text looks on a background with the XYZ color 26.9222, 13.6455,

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

26.9222, 13.6455, 11.8046

Protanopia

14.3240, 14.2196, 25.2823

Deuteranopia

14.4618, 14.1742, 10.5680



Tritanopia

25.3526, 14.0133, 3.1189

Trichromacy



Original Color

26.9222, 13.6455, 11.8046



Protanomaly

15.5527, 10.5111, 19.2983



Deuteranomaly

16.5437, 11.0468, 10.4928



Tritanomaly

25.7190, 13.6553, 5.2832

Monochromacy



Original Color

26.9222, 13.6455, 11.8046



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

10.1707, 6.5262, 8.3131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9222, 13.6455, 11.8046 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(204, 0, 94)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 94)  
}
```

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(204, 0, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.9222, 13.6455, 11.8046 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(204, 0, 94) }
```


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

```
.border{ border-color:rgb(204, 0, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 94);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.9222, 13.6455, 11.8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 94) }
```

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

```
.background{ background-color: rgb(204, 0,  
94) }
```

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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