

Converting Colors

XYZ(26.8050, 13.5986, 11.1874)

Have a look what the booklet for
XYZ(26.8050, 13.5986, 11.1874)
contains.

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Color

**XYZ(26.7902, 13.5927,
11.1092)**

Conversions

Conversions Part 1

Format	Color
Hex	CC005B
RGB	204, 0, 91
RGB Percent	80%, 0%, 36%
CMY	0.2000, 0.9998, 0.6431
CMYK	0.00, 1.00, 0.55, 0.20
HSL	333°, 100%, 40%
HSV	333°, 100%, 80%
XYZ	26.7902, 13.5927, 11.1092
YIQ	71.3700, 92.3730, 71.5490

Conversions

Conversions Part 2

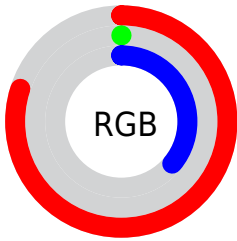
Format	Color
RYB	204, 0, 91
Decimal	13369435
CIELab	43.64, 70.75, 9.38
CIELCh	44, 71.367, 7.550
Yxy	13.5927, 0.5203, 0.2640
Android (android.graphics.Color)	4291559515 (0xFFCC005B)
YUV	71.3700, 9.6776, 116.3165
Hunter-Lab	36.8683, 65.1869, 7.9425

Details

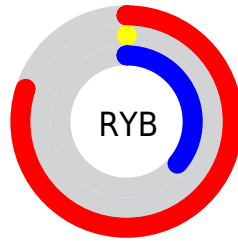
The XYZ color **26.7902, 13.5927, 11.1092** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **24.5761, 44.3790, 22.9049**, and the grayscale version is **6.0286, 6.3426, 6.9070**.

A 20% lighter version of the original color is **49.4559, 29.9995, 28.3832**, and **11.6485, 5.9480, 3.1189** is the 20% darker color. If you saturate the color by 10%, you get **26.7892, 13.5923, 11.1043**, and if you desaturate by 10%, it is **27.5731, 14.3186, 13.9597**.

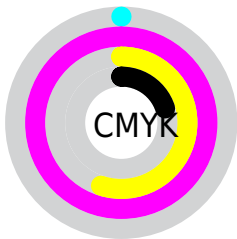
Distribution



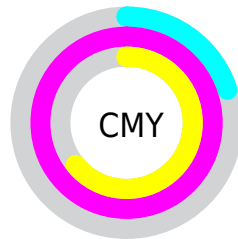
- Red (80%)
- Green (0%)
- Blue (36%)



- Red (80%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7902, 13.5927, 11.1092 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 26.7902, 13.5927, 11.1092 by changing the saturation by 10% instead.

 26.7902, 13.5927,
11.1092


 26.7902, 13.5927,
11.1092


278.8260,
214.6821, 209.1795


 17.5515, 7.8379,
6.0252


 53.9693, 32.3646,
28.5017

 10.7262, 3.9914,
2.7914


 72.6404, 46.1505,
41.6472


 5.9490, 1.6688,
0.9891


 95.1863, 63.3822,
58.3171

 2.8544, 0.4033,
0.0000

 121.9724, 84.4441,
78.9297

 1.0773, 0.0000,
0.0000

 153.3641,
109.7207, 103.9038

 0.0060, 0.0000,
0.0000

 189.7267,

 0.0000, 0.0000,

139.5963, 133.6577

0.0000

231.4255,
174.4553, 168.6101

■ 26.7902, 13.5927,
11.1092

■ 26.7902, 13.5927,
11.1092

■ 26.7892, 13.5923,
11.1043

■ 27.5731, 14.3186,
13.9597

■ 28.7040, 15.6180,
17.3036

■ 30.2790, 17.6787,
21.1873

■ 32.3507, 20.6012,
25.6418

■ 34.9637, 24.4704,
30.6949

■ 38.1572, 29.3612,
36.3721

■ 41.9667, 35.3406,
42.6969

■ 46.4249, 42.4701,
49.6916

■ 51.5618, 50.8063,
57.3771

Harmonies

Analogous

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



25.6330, 13.5927, 29.9613



26.7902, 13.5927, 11.1092



23.4649, 13.5927, 2.8435

Triad

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



26.7902, 13.5927, 11.1092



7.4089, 13.5927, 1.3467



9.2309, 13.5927, 65.4517

Complementary

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



26.7902, 13.5927, 11.1092



24.5761, 44.3790, 22.9049

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.



6.1288, 13.5927, 42.6436



26.7902, 13.5927, 11.1092



5.3085, 13.5927, 5.8761

Square

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



26.7902, 13.5927, 11.1092



11.5566, 13.5927, 0.3145



4.9193, 13.5927, 19.2295



14.3854, 13.5927, 71.1832

Rectangle

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



26.7902, 13.5927, 11.1092



19.5951, 13.5927, 1.0529



4.9193, 13.5927, 19.2295



7.9636, 13.5927, 59.0048

Sweetspot

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



26.7905, 13.5935, 11.1094



69.2217, 58.0848, 70.2593



17.6093, 7.8195, 57.7078



14.2160, 11.4856, 14.0563



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.



26.7905, 13.5935, 11.1094



44.2615, 22.4686, 17.8412



25.0131, 13.0597, 1.2036



11.4168, 11.2954, 12.7293



16.9069, 8.5733, 7.2282



0.9102, 0.4575, 0.5730

Inverse Universe

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



26.7905, 13.5935, 11.1094



44.2615, 22.4686, 17.8412



30.1472, 42.8553, 63.8096



11.4168, 11.2954, 12.7293



16.9069, 8.5733, 7.2282



0.9102, 0.4575, 0.5730

Previews

White Background



This preview shows how the XYZ color 26.7902, 13.5927, 11.1092 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

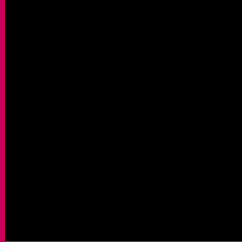
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7902, 13.5927, 11.1092

Background



This preview shows how black text looks on a background with the XYZ color 26.7902, 13.5927, 11.1092.



This preview shows how white text looks on a background with the XYZ color 26.7902, 13.5927,

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

26.7902, 13.5927, 11.1092

Protanopia

14.2608, 14.2192, 23.8228

Deuteranopia

14.3450, 14.1275, 9.9535



Tritanopia

25.2914, 13.9397, 2.9477

Trichromacy



Original Color

26.7902, 13.5927, 11.1092



Protanomaly

15.4756, 10.4991, 18.0405



Deuteranomaly

16.4220, 10.9981, 9.8516



Tritanomaly

25.6246, 13.5851, 4.8861

Monochromacy



Original Color

26.7902, 13.5927, 11.1092



Achromatopsia

5.9891, 6.3010, 6.8618



Achromatomaly

9.9213, 6.3488, 7.9103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7902, 13.5927, 11.1092 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 91) }
```

Border

The CSS property to change the border of an element to XYZ 26.7902, 13.5927, 11.1092 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, 91) }
```


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

```
.border{ border-color:rgb(204, 0, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 91);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 91)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.7902, 13.5927, 11.1092 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, 91) }
```

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

```
.background{ background-color: rgb(204, 0,  
91) }
```

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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