

Converting Colors

XYZ(26.8251, 13.6067, 11.2933)

Have a look what the booklet for
XYZ(26.8251, 13.6067, 11.2933)
contains.

XYZ(26.8336, 13.6101, 11.3379)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8336, 13.6101,
11.3379)**

Conversions

Conversions Part 1

Format	Color
Hex	CC005C
RGB	204, 0, 92
RGB Percent	80%, 0%, 36%
CMY	0.2000, 0.9998, 0.6392
CMYK	0.00, 1.00, 0.55, 0.20
HSL	333°, 100%, 40%
HSV	333°, 100%, 80%
XYZ	26.8336, 13.6101, 11.3379
YIQ	71.4840, 92.0520, 71.8600

Conversions

Conversions Part 2

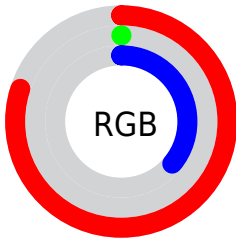
Format	Color
RYB	204, 0, 92
Decimal	13369436
CIELab	43.67, 70.82, 8.78
CIElCh	44, 71.358, 7.071
Yxy	13.6101, 0.5182, 0.2628
Android (android.graphics.Color)	4291559516 (0xFFCC005C)
YUV	71.4840, 10.1144, 116.2165
Hunter-Lab	36.8919, 65.2727, 7.6028

Details

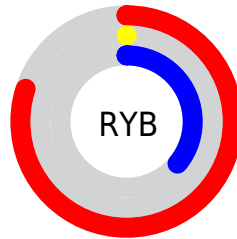
The XYZ color **26.8336, 13.6101, 11.3379** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **24.5202, 44.3566, 22.6107**, and the grayscale version is **6.0475, 6.3625, 6.9287**.

A 20% lighter version of the original color is **49.5307, 30.0294, 28.7769**, and **11.6684, 5.9560, 3.2240** is the 20% darker color. If you saturate the color by 10%, you get **26.8325, 13.6096, 11.3326**, and if you desaturate by 10%, it is **27.6181, 14.3367, 14.1969**.

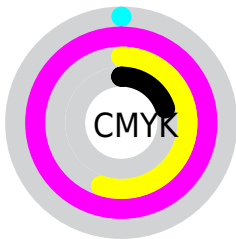
Distribution



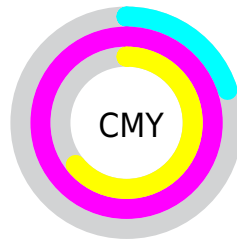
- Red (80%)
- Green (0%)
- Blue (36%)



- 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 26.8336, 13.6101, 11.3379 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 26.8336, 13.6101, 11.3379 by changing the saturation by 10% instead.


 26.8336, 13.6101,
11.3379


 26.8336, 13.6101,
11.3379


279.0328,
214.7916, 210.7913


 17.5842, 7.8500,
6.1776


 54.0385, 32.3956,
28.9295


 10.7498, 3.9991,
2.8828


 72.7248, 46.1898,
42.1978


 5.9649, 1.6731,
1.0351


 95.2873, 63.4307,
59.0059

 2.8642, 0.4061,
0.0000

 122.0916, 84.5029,
79.7722

 1.0824, 0.0000,
0.0000

 153.5030,
109.7907, 104.9154

 0.0103, 0.0000,
0.0000

 189.8867,

 0.0000, 0.0000,

139.6785, 134.8539

0.0000

231.6082,
174.5506, 170.0064

■ 26.8336, 13.6101,
11.3379

■ 26.8336, 13.6101,
11.3379

■ 26.8325, 13.6096,
11.3326

■ 27.6181, 14.3367,
14.1969

■ 28.7495, 15.6364,
17.5435

■ 30.3240, 17.6969,
21.4235

■ 32.3937, 20.6187,
25.8676

■ 35.0034, 24.4867,
30.9032

■ 38.1922, 29.3757,
36.5553

■ 41.9955, 35.3528,
42.8471

■ 46.4459, 42.4792,
49.8007

■ 51.5734, 50.8118,
57.4365

Harmonies

Analogous

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



25.6024, 13.6101, 30.3716



26.8336, 13.6101, 11.3379



23.5693, 13.6101, 2.9195

Triad

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



26.8336, 13.6101, 11.3379



7.4704, 13.6101, 1.3197



9.1783, 13.6101, 65.2258

Complementary

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



26.8336, 13.6101, 11.3379



24.5202, 44.3566, 22.6107

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.



6.1064, 13.6101, 42.2634



26.8336, 13.6101, 11.3379



5.3375, 13.6101, 5.7595

Square

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



26.8336, 13.6101, 11.3379



11.6553, 13.6101, 0.3129



4.9227, 13.6101, 18.9486



14.3073, 13.6101, 71.3200

Rectangle

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



26.8336, 13.6101, 11.3379



19.7162, 13.6101, 1.0808



4.9227, 13.6101, 18.9486



7.9213, 13.6101, 58.6951

Sweetspot

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



26.8339, 13.6109, 11.3381



69.2692, 58.1038, 70.5094



17.1840, 7.6003, 57.6878



14.2272, 11.4901, 14.1151



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.



26.8339, 13.6109, 11.3381



44.3329, 22.4972, 18.2169



24.9762, 12.9859, 1.1913



11.4191, 11.2964, 12.7414



16.9344, 8.5843, 7.3729



0.9117, 0.4581, 0.5808

Inverse Universe

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



26.8339, 13.6109, 11.3381



44.3329, 22.4972, 18.2169



30.9115, 44.3837, 64.0642



11.4191, 11.2964, 12.7414



16.9344, 8.5843, 7.3729



0.9117, 0.4581, 0.5808

Previews

White Background



This preview shows how the XYZ color 26.8336, 13.6101, 11.3379 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 26.8336, 13.6101, 11.3379 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 26.8336, 13.6101, 11.3379

Background



This preview shows how black text looks on a background with the XYZ color 26.8336, 13.6101, 11.3379.



This preview shows how white text looks on a background with the XYZ color 26.8336, 13.6101,

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

26.8336, 13.6101, 11.3379

Protanopia

14.2904, 14.2185, 24.5455

Deuteranopia

14.3834, 14.1428, 10.1554



Tritanopia

25.3371, 14.0071, 3.0373

Trichromacy



Original Color

26.8336, 13.6101, 11.3379

Protanomaly

15.5945, 10.5467, 18.6666

Deuteranomaly

16.4620, 11.0141, 10.0624

Tritanomaly

25.6690, 13.6353, 5.0203

Monochromacy



Original Color

26.8336, 13.6101, 11.3379

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

10.1340, 6.5116, 8.1199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8336, 13.6101, 11.3379 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 92) }
```

Border

The CSS property to change the border of an element to XYZ 26.8336, 13.6101, 11.3379 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, 92) }
```


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

```
.border{ border-color:rgb(204, 0, 92) }
```

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, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 92);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 92)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.8336, 13.6101, 11.3379 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, 92) }
```

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

```
.background{ background-color: rgb(204, 0,  
92) }
```

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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