

Converting Colors

XYZ(26.6650, 13.5105, 11.9047)

Have a look what the booklet for
XYZ(26.6650, 13.5105, 11.9047)
contains.

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Color

**XYZ(26.6490, 13.5047,
11.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	CB005E
RGB	203, 0, 94
RGB Percent	80%, 0%, 37%
CMY	0.2039, 0.9998, 0.6314
CMYK	0.00, 1.00, 0.54, 0.20
HSL	332°, 100%, 40%
HSV	332°, 100%, 80%
XYZ	26.6490, 13.5047, 11.7918
YIQ	71.4130, 90.8140, 72.2700

Conversions

Conversions Part 2

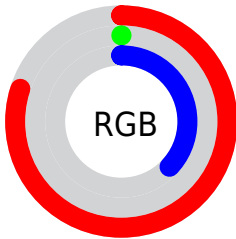
Format	Color
RYB	203, 0, 94
Decimal	13303902
CIELab	43.51, 70.73, 7.28
CIElCh	44, 71.101, 5.876
Yxy	13.5047, 0.5130, 0.2600
Android (android.graphics.Color)	4291493982 (0xFFCB005E)
YUV	71.4130, 11.1354, 115.4018
Hunter-Lab	36.7487, 65.1321, 6.6994

Details

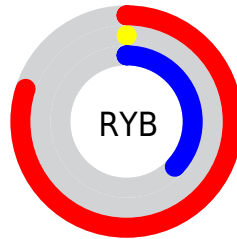
The XYZ color **26.6490, 13.5047, 11.7918** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **24.1189, 43.8170, 21.6658**, and the grayscale version is **6.0339, 6.3481, 6.9131**.

A 20% lighter version of the original color is **49.6822, 30.0900, 29.5750**, and **11.7097, 5.9725, 3.4414** is the 20% darker color. If you saturate the color by 10%, you get **26.6479, 13.5042, 11.7866**, and if you desaturate by 10%, it is **27.4295, 14.2268, 14.6387**.

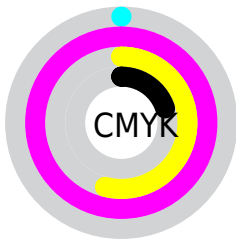
Distribution



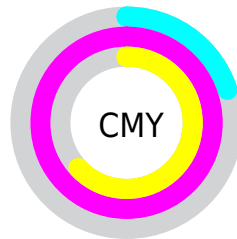
- Red (80%)
- Green (0%)
- Blue (37%)



- 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 26.6490, 13.5047, 11.7918 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 26.6490, 13.5047, 11.7918 by changing the saturation by 10% instead.

 26.6490, 13.5047,
11.7918


 26.6490, 13.5047,
11.7918


278.1522,
214.1274, 213.9508


 17.4450, 7.7770,
6.4813


 53.7440, 32.2076,
29.7740

 10.6495, 3.9526,
3.0664


 72.3657, 45.9515,
43.2828


 5.8972, 1.6471,
1.1286

 94.8573, 63.1363,
60.3614

 2.8228, 0.3890,
0.0000

 121.5843, 84.1464,
81.4284

 1.0607, 0.0000,
0.0000

 152.9119,
109.3662, 106.9023

 0.0000, 0.0000,
0.0000

 189.2055,

139.1800, 137.2016

230.8305,
173.9723, 172.7450

■ 26.6490, 13.5047,
11.7918

■ 26.6490, 13.5047,
11.7918

■ 26.6479, 13.5042,
11.7866

■ 27.4295, 14.2268,
14.6387

■ 28.5501, 15.5141,
17.9532

■ 30.1058, 17.5524,
21.7798

■ 32.1481, 20.4409,
26.1477

■ 34.7208, 24.2636,
31.0829

■ 37.8625, 29.0942,
36.6094

■ 41.6081, 34.9988,
42.7493

■ 45.9895, 42.0380,
49.5234

■ 51.0364, 50.2678,
56.9515

Harmonies

Analogous

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



25.2485, 13.5047, 31.0695



26.6490, 13.5047, 11.7918



23.5717, 13.5047, 3.0807

Triad

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



26.6490, 13.5047, 11.7918



7.5420, 13.5047, 1.2401



8.9491, 13.5047, 63.9626

Complementary

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



26.6490, 13.5047, 11.7918



24.1189, 43.8170, 21.6658

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.



5.9845, 13.5047, 40.8760



26.6490, 13.5047, 11.7918



5.3512, 13.5047, 5.4154

Square

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



26.6490, 13.5047, 11.7918



11.7739, 13.5047, 0.3004



4.8771, 13.5047, 18.0608



13.9598, 13.5047, 70.8842

Rectangle

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



26.6490, 13.5047, 11.7918



19.8025, 13.5047, 1.1398



4.8771, 13.5047, 18.0608



7.7311, 13.5047, 57.2982

Sweetspot

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



26.6493, 13.5055, 11.7920



69.3869, 58.1509, 71.1289



16.9991, 7.5188, 57.0550



14.2549, 11.5012, 14.2610



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.



26.6493, 13.5055, 11.7920



44.5131, 22.5692, 19.1658



24.7026, 12.8443, 1.1784



11.4248, 11.2986, 12.7715



17.0037, 8.6121, 7.7380



0.9154, 0.4596, 0.6003

Inverse Universe

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



26.6493, 13.5055, 11.7920



44.5131, 22.5692, 19.1658



30.5728, 43.8977, 63.3614



11.4248, 11.2986, 12.7715



17.0037, 8.6121, 7.7380



0.9154, 0.4596, 0.6003

Previews

White Background



This preview shows how the XYZ color 26.6490, 13.5047, 11.7918 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 26.6490, 13.5047, 11.7918 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 26.6490, 13.5047, 11.7918

Background



This preview shows how black text looks on a background with the XYZ color 26.6490, 13.5047, 11.7918.



This preview shows how white text looks on a background with the XYZ color 26.6490, 13.5047,

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

26.6490, 13.5047, 11.7918

Protanopia

14.3240, 14.2196, 25.2823

Deuteranopia

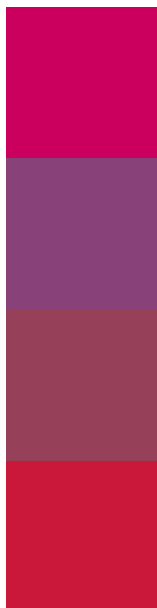
14.3594, 14.1168, 10.7721



Tritanopia

25.0829, 13.8742, 3.1062

Trichromacy



Original Color

26.6490, 13.5047, 11.7918

Protanomaly

15.5527, 10.5111, 19.2983

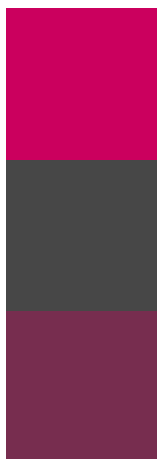
Deuteranomaly

16.3991, 10.9674, 10.7038

Tritanomaly

25.4475, 13.5153, 5.2705

Monochromacy



Original Color

26.6490, 13.5047, 11.7918

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.9574, 6.3632, 8.1005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6490, 13.5047, 11.7918 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(203, 0, 94)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 0, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 0, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.6490, 13.5047, 11.7918 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(203, 0, 94) }
```


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

```
.border{ border-color:rgb(203, 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(203, 0, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 0, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 0, 94);  
box-shadow:4px 4px 4px 4px rgb(203, 0, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.6490, 13.5047, 11.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 0, 94) }
```

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

```
.background{ background-color: rgb(203, 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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