

Converting Colors

XYZ(26.9598, 13.6605, 12.0024)

Have a look what the booklet for
XYZ(26.9598, 13.6605, 12.0024)
contains.

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Color

**XYZ(26.9674, 13.6636,
12.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	CC005F
RGB	204, 0, 95
RGB Percent	80%, 0%, 37%
CMY	0.2000, 0.9998, 0.6274
CMYK	0.00, 1.00, 0.53, 0.20
HSL	332°, 100%, 40%
HSV	332°, 100%, 80%
XYZ	26.9674, 13.6636, 12.0425
YIQ	71.8260, 91.0890, 72.7930

Conversions

Conversions Part 2

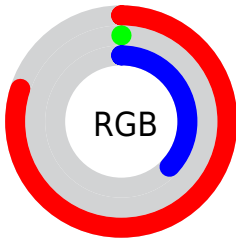
Format	Color
R_{YB}	204, 0, 95
Decimal	13369439
CIE Lab	43.75, 71.02, 7.01
CIE LCh	44, 71.368, 5.636
Yxy	13.6636, 0.5120, 0.2594
Android (android.graphics.Color)	4291559519 (0xFFCC005F)
YUV	71.8260, 11.4248, 115.9166
Hunter-Lab	36.9643, 65.5376, 6.5591

Details

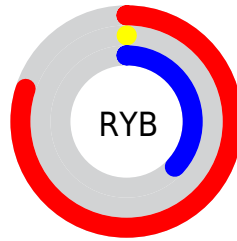
The XYZ color **26.9674, 13.6636, 12.0425** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **24.3557, 44.2908, 21.7445**, and the grayscale version is **6.1037, 6.4215, 6.9930**.

A 20% lighter version of the original color is **49.7590, 30.1207, 29.9794**, and **11.9034, 6.0699, 3.5618** is the 20% darker color. If you saturate the color by 10%, you get **26.9663, 13.6632, 12.0374**, and if you desaturate by 10%, it is **27.7562, 14.3919, 14.9241**.

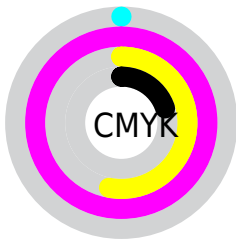
Distribution



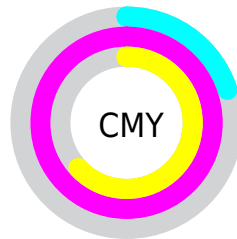
- Red (80%)
- Green (0%)
- Blue (37%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (20%)




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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9674, 13.6636, 12.0425 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 26.9674, 13.6636, 12.0425 by changing the saturation by 10% instead.


 26.9674, 13.6636,
12.0425


 26.9674, 13.6636,
12.0425


279.6697,
215.1279, 215.6743


 17.6852, 7.8871,
6.6497


 54.2518, 32.4909,
30.2380


 10.8225, 4.0228,
3.1689


 72.9847, 46.3105,
43.8779


 6.0140, 1.6863,
1.1815


 95.5986, 63.5799,
61.1039

 2.8944, 0.4148,
0.0000

 122.4588, 84.6835,
82.3345

 1.0981, 0.0000,
0.0000

 153.9306,
110.0057, 107.9883

 0.0236, 0.0000,
0.0000

 190.3795,

 0.0000, 0.0000,

139.9309, 138.4839

0.0000

232.1707,
174.8435, 174.2397

■ 26.9674, 13.6636,
12.0425

■ 26.9674, 13.6636,
12.0425

■ 26.9663, 13.6632,
12.0374

■ 27.7562, 14.3919,
14.9241

■ 28.8886, 15.6919,
18.2757

■ 30.4603, 17.7513,
22.1419

■ 32.5236, 20.6705,
26.5521

■ 35.1228, 24.5343,
31.5325

■ 38.2968, 29.4173,
37.1071

■ 42.0810, 35.3866,
43.2981

■ 46.5076, 42.5035,
50.1265

■ 51.6065, 50.8246,
57.6120

Harmonies

Analogous

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



25.5142, 13.6636, 31.6269



26.9674, 13.6636, 12.0425



23.8868, 13.6636, 3.1551

Triad

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



26.9674, 13.6636, 12.0425



7.6572, 13.6636, 1.2409



9.0225, 13.6636, 64.5627

Complementary

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



26.9674, 13.6636, 12.0425



24.3557, 44.2908, 21.7445

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.



6.0398, 13.6636, 41.1444



26.9674, 13.6636, 12.0425



5.4254, 13.6636, 5.4196

Square

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



26.9674, 13.6636, 12.0425



11.9551, 13.6636, 0.3078



4.9329, 13.6636, 18.1254



14.0763, 13.6636, 71.7425

Rectangle

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



26.9674, 13.6636, 12.0425



20.0842, 13.6636, 1.1672



4.9329, 13.6636, 18.1254



7.7961, 13.6636, 57.7830

Sweetspot

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



26.9678, 13.6644, 12.0427



69.4126, 58.1612, 71.2645



17.1839, 7.6002, 57.6878



14.2610, 11.5036, 14.2929



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.



26.9678, 13.6644, 12.0427



44.5532, 22.5853, 19.3770



24.9762, 12.9859, 1.1913



11.4260, 11.2991, 12.7780



17.0191, 8.6182, 7.8192



0.9162, 0.4599, 0.6046

Inverse Universe

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



26.9678, 13.6644, 12.0427



44.5532, 22.5853, 19.3770



30.9115, 44.3837, 64.0642



11.4260, 11.2991, 12.7780



17.0191, 8.6182, 7.8192



0.9162, 0.4599, 0.6046

Previews

White Background



This preview shows how the XYZ color 26.9674, 13.6636, 12.0425 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 26.9674, 13.6636, 12.0425 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 26.9674, 13.6636, 12.0425

Background



This preview shows how black text looks on a background with the XYZ color 26.9674, 13.6636, 12.0425.



This preview shows how white text looks on a background with the XYZ color 26.9674, 13.6636,

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

26.9674, 13.6636, 12.0425

Protanopia

14.4675, 14.2770, 26.0380

Deuteranopia

14.4977, 14.3284, 11.0184



Tritanopia

25.3842, 14.0764, 3.1294

Trichromacy



Original Color

26.9674, 13.6636, 12.0425



Protanomaly

15.6144, 10.5358, 19.6230



Deuteranomaly

16.6847, 11.1942, 10.9542



Tritanomaly

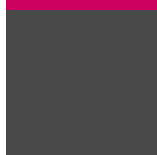
25.7190, 13.6553, 5.2832

Monochromacy



Original Color

26.9674, 13.6636, 12.0425



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 26.9674, 13.6636, 12.0425 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 95) }
```

Border

The CSS property to change the border of an element to XYZ 26.9674, 13.6636, 12.0425 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, 95) }
```


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

```
.border{ border-color:rgb(204, 0, 95) }
```

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, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 95);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 95)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.9674, 13.6636, 12.0425 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, 95) }
```

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

```
.background{ background-color: rgb(204, 0,  
95) }
```

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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