

Converting Colors

XYZ(27.0644, 13.6223, 16.1715)

Have a look what the booklet for
XYZ(27.0644, 13.6223, 16.1715)
contains.

XYZ(26.9566, 13.5652, 16.2365)	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(26.9566, 13.5652,
16.2365)**

Conversions

Conversions Part 1

Format	Color
Hex	C9006F
RGB	201, 0, 111
RGB Percent	79%, 0%, 44%
CMY	0.2118, 0.9998, 0.5647
CMYK	0.00, 1.00, 0.45, 0.21
HSL	327°, 100%, 39%
HSV	327°, 100%, 79%
XYZ	26.9566, 13.5652, 16.2365
YIQ	72.7530, 84.1650, 77.1330

Conversions

Conversions Part 2

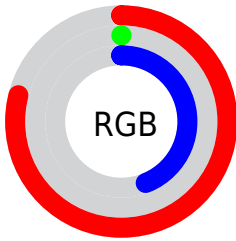
Format	Color
R_{YB}	201, 0, 111
Decimal	13172847
CIE Lab	43.60, 71.60, -3.29
CIE LCh	44, 71.675, 357.366
Yxy	13.5652, 0.4749, 0.2390
Android (android.graphics.Color)	4291362927 (0xFFC9006F)
YUV	72.7530, 18.8558, 112.4726
Hunter-Lab	36.8310, 66.1900, -0.3556

Details

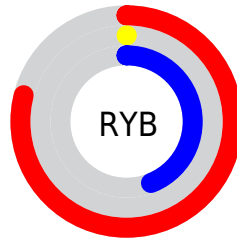
The XYZ color **26.9566, 13.5652, 16.2365** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22.7341, 42.5122, 16.6888**, and the grayscale version is **6.2515, 6.5770, 7.1624**.

A 20% lighter version of the original color is **51.1698, 30.6850, 37.4083**, and **11.9099, 6.0329, 5.3872** is the 20% darker color. If you saturate the color by 10%, you get **26.9556, 13.5648, 16.2316**, and if you desaturate by 10%, it is **27.7302, 14.2788, 19.0644**.

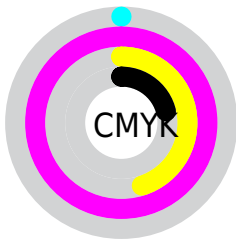
Distribution



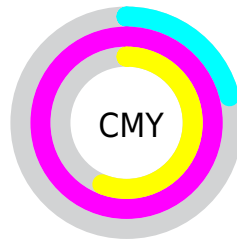
- Red (79%)
- Green (0%)
- Blue (44%)



- Red (79%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9566, 13.5652, 16.2365 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 26.9566, 13.5652, 16.2365 by changing the saturation by 10% instead.


 26.9566, 13.5652,
16.2365


 26.9566, 13.5652,
16.2365


279.6183,
214.5089, 242.6264


 17.6770, 7.8189,
9.5355


 54.2346, 32.3155,
37.7808


 10.8167, 3.9793,
4.9905


 72.9638, 46.0883,
53.4611


 6.0101, 1.6620,
2.1831


 95.5735, 63.3054,
72.9717

 2.8919, 0.3989,
0.6646

 122.4292, 84.3512,
96.7310

 1.0969, 0.0000,
0.0000

 153.8961,
109.6100, 125.1576

 0.0225, 0.0000,
0.0000

 190.3397,

 0.0000, 0.0000,

139.4663, 158.6700

0.0000

232.1253,
174.3045, 197.6867

■ 26.9566, 13.5652,
16.2365

■ 26.9566, 13.5652,
16.2365

■ 26.9556, 13.5648,
16.2316

■ 27.7302, 14.2788,
19.0644

■ 28.8168, 15.5362,
22.2501

■ 30.3088, 17.5199,
25.8310

■ 32.2552, 20.3260,
29.8299

■ 34.6977, 24.0360,
34.2669

■ 37.6733, 28.7214,
39.1604

■ 41.2148, 34.4466,
44.5271

■ 45.3526, 41.2701,
50.3827

■ 50.1147, 49.2465,
56.7422

Harmonies

Analogous

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



24.2833, 13.5652, 38.4912



26.9566, 13.5652, 16.2365



25.0476, 13.5652, 4.6317

Triad

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



26.9566, 13.5652, 16.2365



8.5418, 13.5652, 0.8057



7.9055, 13.5652, 59.0768

Complementary

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



26.9566, 13.5652, 16.2365



22.7341, 42.5122, 16.6888

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.



5.4881, 13.5652, 34.0181



26.9566, 13.5652, 16.2365



5.7735, 13.5652, 3.5865

Square

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



26.9566, 13.5652, 16.2365



13.3956, 13.5652, 0.2502



4.8386, 13.5652, 13.3949



12.4037, 13.5652, 72.1489

Rectangle

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



26.9566, 13.5652, 16.2365



21.6705, 13.5652, 1.7046



4.8386, 13.5652, 13.3949



6.8784, 13.5652, 51.1697

Sweetspot

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



26.9570, 13.5660, 16.2367



70.2766, 58.5067, 75.8140



14.4848, 6.2500, 55.7011



14.4652, 11.5853, 15.3682



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.



26.9570, 13.5660, 16.2367



46.0328, 23.1771, 27.1686



24.1632, 12.4485, 1.5249



10.8748, 10.7333, 12.3241



16.9955, 8.5477, 10.4519



0.8408, 0.4192, 0.6850

Inverse Universe

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



26.9570, 13.5660, 16.2367



46.0328, 23.1771, 27.1686



29.9213, 45.3871, 54.5360



10.8748, 10.7333, 12.3241



16.9955, 8.5477, 10.4519



0.8408, 0.4192, 0.6850

Previews

White Background



This preview shows how the XYZ color 26.9566, 13.5652, 16.2365 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 26.9566, 13.5652, 16.2365 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 26.9566, 13.5652, 16.2365

Background



This preview shows how black text looks on a background with the XYZ color 26.9566, 13.5652, 16.2365.



This preview shows how white text looks on a background with the XYZ color 26.9566, 13.5652,

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

26.9566, 13.5652, 16.2365

Protanopia

15.1332, 14.4171, 35.2429

Deuteranopia

14.3521, 14.1751, 14.5500



Tritanopia

24.6630, 13.9966, 3.8843

Trichromacy



Original Color

26.9566, 13.5652, 16.2365



Protanomaly

15.7328, 10.4386, 26.7768



Deuteranomaly

16.4727, 11.0036, 14.6203



Tritanomaly

25.0426, 13.4023, 6.8972

Monochromacy



Original Color

26.9566, 13.5652, 16.2365



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.4430, 6.6352, 9.7471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9566, 13.5652, 16.2365 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(201, 0, 111)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 111)  
}
```

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(201, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 111) }
```

Border

The CSS property to change the border of an element to XYZ 26.9566, 13.5652, 16.2365 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(201, 0, 111) }
```


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

```
.border{ border-color:rgb(201, 0, 111) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9566, 13.5652, 16.2365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 111) }
```

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

```
.background{ background-color: rgb(201, 0,  
111) }
```

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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