

Converting Colors

XYZ(26.1448, 11.6161, 20.6100)

Have a look what the booklet for
XYZ(26.1448, 11.6161, 20.6100)
contains.

XYZ(27.0546, 13.5121, 20.9208)	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(27.0546, 13.5121,
20.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	C6007E
RGB	198, 0, 126
RGB Percent	78%, 0%, 49%
CMY	0.2235, 0.9999, 0.5059
CMYK	0.00, 1.00, 0.36, 0.22
HSL	322°, 100%, 39%
HSV	322°, 100%, 78%
XYZ	27.0546, 13.5121, 20.9208
YIQ	73.5660, 77.5620, 81.1620

Conversions

Conversions Part 2

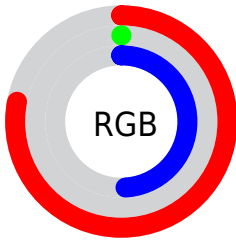
Format	Color
RYB	198, 0, 126
Decimal	12976254
CIELab	43.52, 72.33, -12.78
CIELCh	44, 73.452, 349.981
Yxy	13.5121, 0.4400, 0.2198
Android (android.graphics.Color)	4291166334 (0xFFC6007E)
YUV	73.5660, 25.8500, 109.1286
Hunter-Lab	36.7588, 67.0487, -8.0130

Details

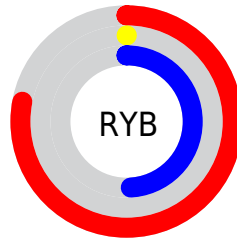
The XYZ color **27.0546, 13.5121, 20.9208** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **21.3653, 40.8567, 12.8966**, and the grayscale version is **6.3817, 6.7141, 7.3116**.

A 20% lighter version of the original color is **52.7849, 31.3311, 45.9133**, and **11.8208, 5.9391, 7.5445** is the 20% darker color. If you saturate the color by 10%, you get **27.0539, 13.5118, 20.9168**, and if you desaturate by 10%, it is **27.7835, 14.1993, 23.5397**.

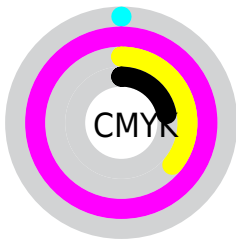
Distribution



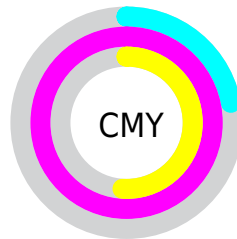
- Red (78%)
- Green (0%)
- Blue (49%)



- Red (78%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0546, 13.5121, 20.9208 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 27.0546, 13.5121, 20.9208 by changing the saturation by 10% instead.

 27.0546, 13.5121,
20.9208


 27.0546, 13.5121,
20.9208


280.0841,
214.1741, 269.6245


 17.7510, 7.7821,
12.8754


 54.3907, 32.2208,
45.8348


 10.8700, 3.9558,
7.2131


 73.1540, 45.9683,
63.5405


 6.0461, 1.6489,
3.5153


 95.8013, 63.1570,
85.3033

 2.9141, 0.3902,
1.3634

 122.6978, 84.1715,
111.5419

 1.1085, 0.0000,
0.1129

 154.2090,
109.3960, 142.6748

 0.0322, 0.0000,
0.0000

 190.7002,

 0.0000, 0.0000,

139.2151, 179.1205

0.0000

232.5368,
174.0129, 221.2976

■ 27.0546, 13.5121,
20.9208

■ 27.0546, 13.5121,
20.9208

■ 27.0539, 13.5118,
20.9168

■ 27.7835, 14.1993,
23.5397

■ 28.7986, 15.4041,
26.4223

■ 30.1890, 17.3040,
29.6017

■ 32.0016, 19.9915,
33.0966

■ 34.2759, 23.5446,
36.9233

■ 37.0467, 28.0322,
41.0965

■ 40.3453, 33.5158,
45.6293

■ 44.2005, 40.0519,
50.5344

■ 48.6388, 47.6928,
55.8233

Harmonies

Analogous

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



23.2774, 13.5121, 45.8085



27.0546, 13.5121, 20.9208



26.2481, 13.5121, 6.3427

Triad

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



27.0546, 13.5121, 20.9208



9.4305, 13.5121, 0.4203



6.9757, 13.5121, 54.5870

Complementary

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



27.0546, 13.5121, 20.9208



21.3653, 40.8567, 12.8966

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.



5.0156, 13.5121, 28.3618



27.0546, 13.5121, 20.9208



6.1123, 13.5121, 2.3137

Square

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



27.0546, 13.5121, 20.9208



14.8590, 13.5121, 0.1895



4.7554, 13.5121, 9.8726



11.0179, 13.5121, 72.8950

Rectangle

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



27.0546, 13.5121, 20.9208



23.2843, 13.5121, 2.3184



4.7554, 13.5121, 9.8726



6.1095, 13.5121, 45.7743

Sweetspot

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



27.0550, 13.5129, 20.9210



71.1497, 58.8560, 80.4117



12.6705, 5.3549, 53.7919



14.6729, 11.6684, 16.4620



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.



27.0550, 13.5129, 20.9210



47.7845, 23.8778, 36.3928



23.5200, 12.0989, 2.3059



10.9131, 10.7486, 12.5256



17.6361, 8.8040, 13.8252



0.8689, 0.4304, 0.8331

Inverse Universe

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



27.0550, 13.5129, 20.9210



47.7845, 23.8778, 36.3928



27.2909, 43.2270, 44.1002



10.9131, 10.7486, 12.5256



17.6361, 8.8040, 13.8252



0.8689, 0.4304, 0.8331

Previews

White Background



This preview shows how the XYZ color 27.0546, 13.5121, 20.9208 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 27.0546, 13.5121, 20.9208 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 27.0546, 13.5121, 20.9208

Background



This preview shows how black text looks on a background with the XYZ color 27.0546, 13.5121, 20.9208.



This preview shows how white text looks on a background with the XYZ color 27.0546, 13.5121,

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

27.0546, 13.5121, 20.9208

Protanopia

15.6870, 14.3354, 45.1202

Deuteranopia

14.3927, 14.1021, 18.7930



Tritanopia

23.7528, 13.8666, 4.6734

Trichromacy



Original Color

27.0546, 13.5121, 20.9208



Protanomaly

15.6295, 10.2164, 34.4059



Deuteranomaly

16.4358, 10.8874, 19.0045



Tritanomaly

24.4335, 13.1996, 8.6571

Monochromacy



Original Color

27.0546, 13.5121, 20.9208



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.6000, 6.7453, 11.0992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0546, 13.5121, 20.9208 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(198, 0, 126)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 126)  
}
```

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(198, 0, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 126) }
```

Border

The CSS property to change the border of an element to XYZ 27.0546, 13.5121, 20.9208 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(198, 0, 126) }
```


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

```
.border{ border-color:rgb(198, 0, 126) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 126);  
box-shadow:4px 4px 4px 4px rgb(198, 0,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0546, 13.5121, 20.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 126) }
```

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

```
.background{ background-color: rgb(198, 0,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor