

Converting Colors

XYZ(26.4054, 11.5918, 27.7489)

Have a look what the booklet for
XYZ(26.4054, 11.5918, 27.7489)
contains.

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Color

**XYZ(27.3590, 13.5137,
27.9545)**

Conversions

Conversions Part 1

Format	Color
Hex	C20091
RGB	194, 0, 145
RGB Percent	76%, 0%, 57%
CMY	0.2392, 0.9999, 0.4314
CMYK	0.00, 1.00, 0.25, 0.24
HSL	315°, 100%, 38%
HSV	315°, 100%, 76%
XYZ	27.3590, 13.5137, 27.9545
YIQ	74.5360, 69.0790, 86.2230

Conversions

Conversions Part 2

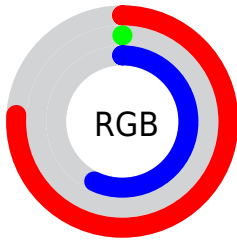
Format	Color
RYB	194, 0, 145
Decimal	12714129
CIELab	43.53, 73.55, -24.48
CIElCh	44, 77.518, 341.590
Yxy	13.5137, 0.3975, 0.1963
Android (android.graphics.Color)	4290904209 (0xFFC20091)
YUV	74.5360, 34.7388, 104.7699
Hunter-Lab	36.7610, 68.5151, -19.3538

Details

The XYZ color **27.3590, 13.5137, 27.9545** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **19.8473, 38.8060, 9.3535**, and the grayscale version is **6.5389, 6.8794, 7.4917**.

A 20% lighter version of the original color is **55.0385, 32.3630, 57.3787**, and **12.0121, 5.9590, 11.1068** is the 20% darker color. If you saturate the color by 10%, you get **27.3585, 13.5135, 27.9513**, and if you desaturate by 10%, it is **27.9856, 14.1487, 30.0684**.

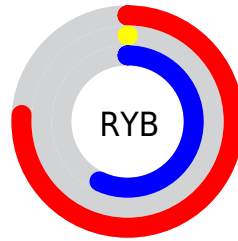
Distribution



Red (76%)

Green (0%)

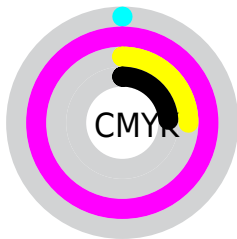
Blue (57%)



Red (76%)

Yellow (0%)

Blue (57%)

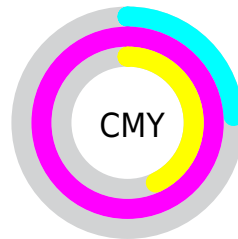


Cyan (0%)

Magenta (100%)

Yellow (25%)

Black (24%)



Cyan (24%)


Magenta (100%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3590, 13.5137, 27.9545 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 27.3590, 13.5137, 27.9545 by changing the saturation by 10% instead.

 27.3590, 13.5137,
27.9545


 27.3590, 13.5137,
27.9545


281.5271,
214.1842, 306.1545


 17.9810, 7.7832,
18.0526


 54.8752, 32.2236,
57.4340

 11.0360, 3.9566,
10.8179


 73.7442, 45.9719,
77.8487


 6.1585, 1.6493,
5.8319


 96.5075, 63.1615,
102.6048

 2.9833, 0.3905,
2.6760

 123.5306, 84.1769,
132.1208

 1.1449, 0.0000,
0.9313

 155.1787,
109.4025, 166.8152

 0.0622, 0.0000,
0.0000

 191.8173,

 0.0000, 0.0000,

139.2226, 207.1066

0.0000

233.8116,
174.0217, 253.4135

■ 27.3590, 13.5137,
27.9545

■ 27.3590, 13.5137,
27.9545

■ 27.3585, 13.5135,
27.9513

■ 27.9856, 14.1487,
30.0684

■ 28.8680, 15.2693,
32.3490

■ 30.0922, 17.0466,
34.8258

■ 31.7021, 19.5683,
37.5146

■ 33.7348, 22.9083,
40.4286

■ 36.2231, 27.1319,
43.5797

■ 39.1965, 32.2976,
46.9785

■ 42.6817, 38.4589,
50.6349

■ 46.7038, 45.6653,
54.5582

Harmonies

Analogous

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



22.2254, 13.5137, 56.3880



27.3590, 13.5137, 27.9545



27.9566, 13.5137, 8.9806

Triad

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



27.3590, 13.5137, 27.9545



10.6445, 13.5137, 0.0000



5.9567, 13.5137, 49.7958

Complementary

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



27.3590, 13.5137, 27.9545



19.8473, 38.8060, 9.3535

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.



4.4824, 13.5137, 22.4806



27.3590, 13.5137, 27.9545



6.5629, 13.5137, 1.2121

Square

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



27.3590, 13.5137, 27.9545



16.8828, 13.5137, 0.1046



4.6624, 13.5137, 6.4968



9.5075, 13.5137, 74.4342

Rectangle

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



27.3590, 13.5137, 27.9545



25.5317, 13.5137, 3.2478



4.6624, 13.5137, 6.4968



5.2610, 13.5137, 40.0008

Sweetspot

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



27.3594, 13.5144, 27.9547



70.7274, 58.0128, 84.7989



10.9818, 4.5370, 51.3361



14.9611, 11.7837, 17.9799



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.



27.3594, 13.5144, 27.9547



49.4583, 24.4396, 50.0707



22.7930, 11.6878, 3.9080



10.3851, 10.2026, 12.1183



18.0217, 8.8984, 18.5583



0.8051, 0.3950, 0.9409

Inverse Universe

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



27.3594, 13.5144, 27.9547



49.4583, 24.4396, 50.0707



24.4424, 40.6440, 33.5509



10.3851, 10.2026, 12.1183



18.0217, 8.8984, 18.5583



0.8051, 0.3950, 0.9409

Previews

White Background



This preview shows how the XYZ color 27.3590, 13.5137, 27.9545 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

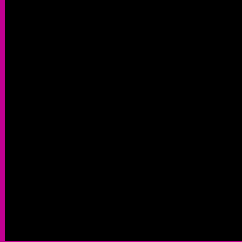
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3590, 13.5137, 27.9545

Background



This preview shows how black text looks on a background with the XYZ color 27.3590, 13.5137, 27.9545.



This preview shows how white text looks on a background with the XYZ color 27.3590, 13.5137,

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

27.3590, 13.5137, 27.9545

Protanopia

16.8064, 14.4304, 60.2921

Deuteranopia

14.4398, 14.1307, 25.2590



Tritanopia

23.0178, 13.9439, 5.7532

Trichromacy



Original Color

27.3590, 13.5137, 27.9545



Protanomaly

15.4718, 9.7827, 46.4202



Deuteranomaly

16.4399, 10.8288, 25.6498



Tritanomaly

23.7544, 12.9642, 11.1479

Monochromacy



Original Color

27.3590, 13.5137, 27.9545



Achromatopsia

6.6877, 7.0360, 7.6622



Achromatomaly

10.8284, 6.8856, 12.8149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3590, 13.5137, 27.9545 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(194, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 145)  
}
```

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(194, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.3590, 13.5137, 27.9545 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(194, 0, 145) }
```


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

```
.border{ border-color:rgb(194, 0, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 0, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3590, 13.5137, 27.9545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 145) }
```

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

```
.background{ background-color: rgb(194, 0,  
145) }
```

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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