

Converting Colors

XYZ(27.3290, 13.5158, 76.0317)

Have a look what the booklet for
XYZ(27.3290, 13.5158, 76.0317)
contains.

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Color

**XYZ(27.4029, 13.5538,
76.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	9527E6
RGB	149, 39, 230
RGB Percent	58%, 15%, 90%
CMY	0.4157, 0.8471, 0.0980
CMYK	0.35, 0.83, 0.00, 0.10
HSL	275°, 79%, 53%
HSV	275°, 83%, 90%
XYZ	27.4029, 13.5538, 76.0348
YIQ	93.6640, 4.2490, 82.7210

Conversions

Conversions Part 2

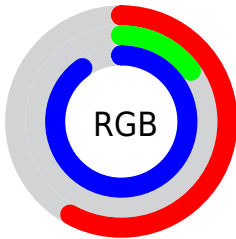
Format	Color
R _Y B	149, 39, 230
Decimal	9775078
CIE Lab	43.59, 73.47, -74.70
CIE LCh	44, 104.781, 314.525
Yxy	13.5538, 0.2342, 0.1159
Android (android.graphics.Color)	4287965158 (0xFF9527E6)
YUV	93.6640, 67.2136, 48.5297
Hunter-Lab	36.8155, 68.4359, -96.6804

Details

The XYZ color **27.4029, 13.5538, 76.0348** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **36.4087, 60.7333, 11.7234**, and the grayscale version is **10.4071, 10.9491, 11.9236**.

A 20% lighter version of the original color is **48.9017, 29.8897, 97.7996**, and **11.6626, 5.1410, 39.9128** is the 20% darker color. If you saturate the color by 10%, you get **25.1576, 11.5943, 75.7752**, and if you desaturate by 10%, it is **30.2557, 16.5047, 76.4543**.

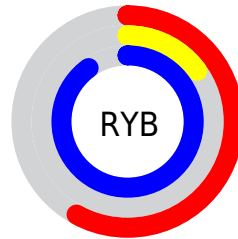
Distribution



Red (58%)

Green (15%)

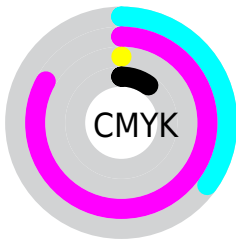
Blue (90%)



Red (58%)

Yellow (15%)

Blue (90%)

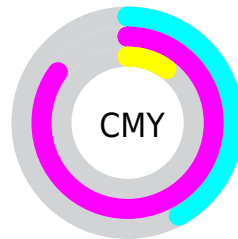


Cyan (35%)

Magenta (83%)

Yellow (0%)

Black (10%)



Cyan (42%)


Magenta (85%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4029, 13.5538, 76.0348 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 27.4029, 13.5538, 76.0348 by changing the saturation by 10% instead.


 27.4029, 13.5538,
76.0348


 27.4029, 13.5538,
76.0348


281.7347,
214.4370, 500.8168


 18.0142, 7.8110,
55.9542


 54.9451, 32.2952,
129.5366


 11.0599, 3.9742,
39.7625


 73.8292, 46.0626,
163.7950


 6.1747, 1.6592,
27.0410


 96.6092, 63.2736,
203.6163

 2.9933, 0.3970,
17.3713

 123.6505, 84.3126,
249.4192

 1.1502, 0.0000,
10.3348

 155.3183,
109.5641, 301.6221

 0.0665, 0.0000,
5.5130

 191.9780,

 0.0000, 0.0000,

139.4124, 360.6437

2.4874

233.9951,
174.2419, 426.9024

■ 0.0000, 0.0000,
0.8334

■ 0.0000, 0.0000,
0.0000

■ 27.4029, 13.5538,
76.0348

■ 27.4029, 13.5538,
76.0348

■ 25.1576, 11.5943,
75.7752

■ 30.2557, 16.5047,
76.4543

■ 23.8715, 10.6562,
75.6619

■ 33.7890, 20.5915,
77.0569

■ 38.0666, 25.9350,
77.8629

■ 43.1430, 32.6399,
78.8895

■ 49.0674, 40.7997,
80.1522

■ 55.8846, 50.4994,
81.6652

■ 63.6359, 61.8171,
83.4412

■ 72.3600, 74.8257,
85.4923

■ 82.0930, 89.5936,
87.8298

Harmonies

Analogous

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



17.2551, 13.5538, 115.8315



27.4029, 13.5538, 76.0348



34.8352, 13.5538, 30.3827

Triad

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



27.4029, 13.5538, 76.0348



17.5641, 13.5538, 0.0000



2.8538, 13.5538, 29.2263

Complementary

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



27.4029, 13.5538, 76.0348



36.4087, 60.7333, 11.7234

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.



2.8786, 13.5538, 5.6907



27.4029, 13.5538, 76.0348



9.3190, 13.5538, 0.0000

Square

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



27.4029, 13.5538, 76.0348



27.7101, 13.5538, 0.1171



4.6877, 13.5538, 0.0311



4.5940, 13.5538, 74.4651

Rectangle

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



27.4029, 13.5538, 76.0348



35.8592, 13.5538, 11.4746



4.6877, 13.5538, 0.0311



2.6905, 13.5538, 18.6142

Sweetspot

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



27.4036, 13.5542, 76.0351



68.7194, 61.0791, 102.7753



22.0508, 20.0066, 77.5627



14.0474, 12.1295, 21.8508



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.



27.4036, 13.5542, 76.0351



30.0579, 13.4103, 95.6120



45.9180, 23.2979, 67.9048



14.3737, 14.2949, 18.1459



13.6572, 6.1064, 42.8420



1.1148, 0.5057, 3.1708

Inverse Universe

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



36.7489, 19.6302, 19.6209



43.9541, 22.3456, 16.2223



29.7476, 57.2708, 12.7041



14.6293, 14.4689, 16.2485



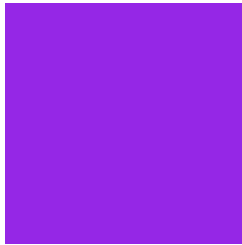
19.7690, 10.0418, 7.6786



1.5065, 0.7603, 0.8077

Previews

White Background



This preview shows how the XYZ color 27.4029, 13.5538, 76.0348 looks on a white background.

Color Contrast Check

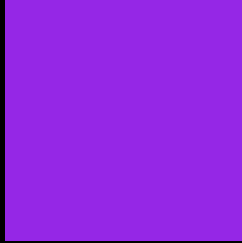
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4029, 13.5538, 76.0348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

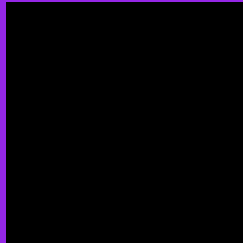
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.4029, 13.5538, 76.0348

Background



This preview shows how black text looks on a background with the XYZ color 27.4029, 13.5538, 76.0348.



This preview shows how white text looks on a background with the XYZ color 27.4029, 13.5538,

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

27.4029, 13.5538, 76.0348

Deuteranopia

13.5975, 13.6855, 46.1809

Tritanopia

14.9978, 13.5237, 14.6518

Trichromacy



Original Color

27.4029, 13.5538, 76.0348



Deuteranomaly

14.8474, 10.9424, 55.3624



Tritanomaly

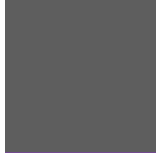
17.7724, 12.2704, 29.8655

Monochromacy



Original Color

27.4029, 13.5538, 76.0348



Achromatopsia

10.6392, 11.1932, 12.1894



Achromatomaly

14.3461, 10.4581, 27.2491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4029, 13.5538, 76.0348 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(149, 39, 230)` looks like.

```
.text, #text, p{  
    color:rgb(149, 39, 230)  
}
```

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(149, 39, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 39, 230) }
```

Border

The CSS property to change the border of an element to XYZ 27.4029, 13.5538, 76.0348 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(149, 39, 230) }
```

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

```
.border{ border-color:rgb(149, 39, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 39, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 39, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 39, 230); box-shadow:4px 4px 4px 4px rgb(149, 39, 230) }
```


Background

The CSS property to change the background color of an element to XYZ 27.4029, 13.5538, 76.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 39, 230) }
```

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

```
.background{ background-color: rgb(149, 39,  
230) }
```

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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