

Converting Colors

XYZ(49.3484, 28.3504, 79.2148)

Have a look what the booklet for
XYZ(49.3484, 28.3504, 79.2148)
contains.

XYZ(49.3373, 28.3436, 79.2144)	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(49.3373, 28.3436,
79.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	E353E8
RGB	227, 83, 232
RGB Percent	89%, 33%, 91%
CMY	0.1098, 0.6745, 0.0902
CMYK	0.02, 0.64, 0.00, 0.09
HSL	298°, 76%, 62%
HSV	298°, 64%, 91%
XYZ	49.3373, 28.3436, 79.2144
YIQ	143.0420, 37.9950, 76.8670

Conversions

Conversions Part 2

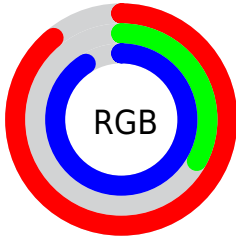
Format	Color
R _Y B	227, 83, 232
Decimal	14898152
CIE Lab	60.20, 73.40, -48.50
CIE LCh	60, 87.975, 326.542
Yxy	28.3436, 0.3145, 0.1807
Android (android.graphics.Color)	4293088232 (0xFFE353E8)
YUV	143.0420, 43.8563, 73.6312
Hunter-Lab	53.2387, 72.2515, -50.9511

Details

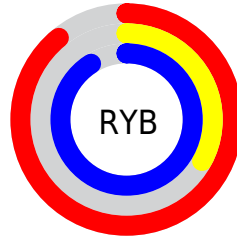
The XYZ color **49.3373, 28.3436, 79.2144** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **34.4433, 60.4131, 18.0305**, and the grayscale version is **25.9465, 27.2977, 29.7272**.

A 20% lighter version of the original color is **68.9630, 47.8260, 100.2043**, and **23.9849, 11.4594, 42.0220** is the 20% darker color. If you saturate the color by 10%, you get **47.6054, 25.2426, 78.7075**, and if you desaturate by 10%, it is **51.6661, 32.6349, 79.9204**.

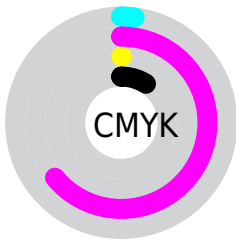
Distribution



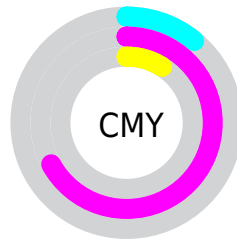
- Red (89%)
- Green (33%)
- Blue (91%)



- Red (89%)
- Yellow (33%)
- Blue (91%)



- Cyan (2%)
- Magenta (64%)
- Yellow (0%)
- Black (9%)





- Cyan (11%)
- Magenta (67%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3373, 28.3436, 79.2144 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 49.3373, 28.3436, 79.2144 by changing the saturation by 10% instead.


 49.3373, 28.3436,
79.2144


 49.3373, 28.3436,
79.2144

374.5637,
294.1051, 511.9181

 35.1028, 18.5848,
58.5497


 88.3899, 57.0325,
134.0621

 23.9089, 11.3707,
41.8331


 113.9387, 76.7315,
169.0821

 15.3904, 6.3167,
28.6461


 143.9896,
100.5127, 209.7244

 9.1820, 3.0386,
18.5700

 178.9081,
128.7604, 256.4075

 4.9181, 1.1519,
11.1863

219.0593,
161.8591, 309.5498

 2.2336, 0.0219,
6.0765

264.8088,

 0.7603, 0.0000,

200.1932, 369.5700

2.8221

316.5218,
244.1471, 436.8866

■ 0.0000, 0.0000,
1.0045

■ 0.0000, 0.0000,
0.0000

■ 49.3373, 28.3436,
79.2144

■ 49.3373, 28.3436,
79.2144

■ 47.6054, 25.2426,
78.7075

■ 51.6661, 32.6349,
79.9204

■ 46.4052, 23.2041,
78.3773


■ 54.6418, 38.2195,
80.8415


■ 45.6622, 22.0786,
78.1992


■ 58.3132, 45.1936,
81.9941


■ 45.3732, 21.7082,
78.1430


■ 62.7231, 53.6431,
83.3926

 67.9111, 63.6473,
85.0502

 73.9141, 75.2796,
86.9790

 80.7662, 88.6087,
89.1906

 84.0045, 94.7084,
90.1973

 84.2596, 94.8398,
90.2093

Harmonies

Analogous

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



37.8175, 28.3436, 126.1869



49.3373, 28.3436, 79.2144



54.8408, 28.3436, 34.7535

Triad

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



49.3373, 28.3436, 79.2144



28.2665, 28.3436, 1.1250



11.8434, 28.3436, 67.6831

Complementary

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



49.3373, 28.3436, 79.2144



34.4433, 60.4131, 18.0305

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.



10.5937, 28.3436, 27.2712



49.3373, 28.3436, 79.2144



18.3778, 28.3436, 1.9890

Square

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



49.3373, 28.3436, 79.2144



40.7240, 28.3436, 2.6526



12.6144, 28.3436, 7.7467



16.6805, 28.3436, 116.8653

Rectangle

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



49.3373, 28.3436, 79.2144



53.4763, 28.3436, 16.3607



12.6144, 28.3436, 7.7467



11.0602, 28.3436, 52.0934

Sweetspot

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



49.3384, 28.3449, 79.2150



80.8984, 72.5809, 104.3534



21.8282, 15.0550, 78.0997



16.9280, 14.7885, 22.2122



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.



49.3384, 28.3449, 79.2150



58.4538, 30.3440, 97.3839



43.1599, 26.0583, 38.3299



14.9448, 14.5893, 18.1727



25.2119, 12.0631, 43.3828



1.8781, 0.8992, 3.2065

Inverse Universe

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



38.1343, 24.0480, 11.8655



43.7471, 24.7365, 7.5061



37.9339, 61.7565, 38.7977



14.3965, 14.3758, 15.0224



18.5079, 9.5374, 1.0374



1.3746, 0.7076, 0.1133

Previews

White Background



This preview shows how the XYZ color 49.3373, 28.3436, 79.2144 looks on a white background.

Color Contrast Check

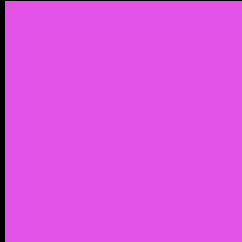
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 49.3373, 28.3436, 79.2144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

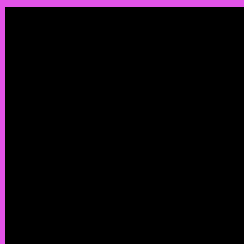
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 49.3373, 28.3436, 79.2144

Background



This preview shows how black text looks on a background with the XYZ color 49.3373, 28.3436, 79.2144.



This preview shows how white text looks on a background with the XYZ color 49.3373, 28.3436,

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

49.3373, 28.3436, 79.2144

Protanopia

32.1366, 28.8413, 98.4809

Deuteranopia

29.4946, 28.7129, 73.0948



Tritanopia

37.6150, 28.2422, 22.5375

Trichromacy



Original Color

49.3373, 28.3436, 79.2144



Protanomaly

34.6104, 26.0529, 91.2002



Deuteranomaly

33.4495, 25.9894, 75.2050



Tritanomaly

40.7746, 27.6050, 37.8296

Monochromacy



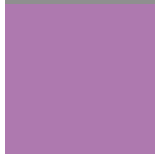
Original Color

49.3373, 28.3436, 79.2144



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

32.0308, 25.7686, 43.8431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3373, 28.3436, 79.2144 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(227, 83, 232)` looks like.

```
.text, #text, p{  
    color:rgb(227, 83, 232)  
}
```

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(227, 83, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 83, 232) }
```

Border

The CSS property to change the border of an element to XYZ 49.3373, 28.3436, 79.2144 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(227, 83, 232) }
```


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

```
.border{ border-color:rgb(227, 83, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 83, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 83, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 83, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 83,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3373, 28.3436, 79.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 83, 232) }
```

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

```
.background{ background-color: rgb(227, 83,  
232) }
```

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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