

Converting Colors

XYZ(46.1260, 35.2860, 38.4690)

Have a look what the booklet for
XYZ(46.1260, 35.2860, 38.4690)
contains.

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Color

**XYZ(46.1369, 35.2799,
38.5604)**

Conversions

Conversions Part 1

Format	Color
Hex	E284A2
RGB	226, 132, 162
RGB Percent	89%, 52%, 64%
CMY	0.1137, 0.4823, 0.3647
CMYK	0.00, 0.42, 0.28, 0.11
HSL	341°, 62%, 70%
HSV	341°, 42%, 89%
XYZ	46.1369, 35.2799, 38.5604
YIQ	163.5260, 46.3940, 29.2580

Conversions

Conversions Part 2

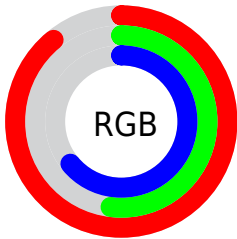
Format	Color
R _Y B	226, 132, 162
Decimal	14845090
CIE Lab	65.97, 39.65, -0.18
CIE LCh	66, 39.651, 359.741
Yxy	35.2799, 0.3845, 0.2941
Android (android.graphics.Color)	4293035170 (0xFFE284A2)
YUV	163.5260, -0.7523, 54.7897
Hunter-Lab	59.3969, 34.7064, 3.0868

Details

The XYZ color **46.1369, 35.2799, 38.5604** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **46.6775, 63.2847, 61.9829**, and the grayscale version is **35.0505, 36.8759, 40.1578**.

A 20% lighter version of the original color is **71.5347, 61.8104, 73.8060**, and **21.8864, 15.2098, 16.8212** is the 20% darker color. If you saturate the color by 10%, you get **42.1123, 29.2873, 30.8782**, and if you desaturate by 10%, it is **50.9947, 42.6704, 47.3470**.

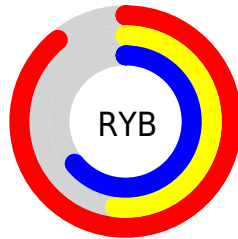
Distribution



Red (89%)

Green (52%)

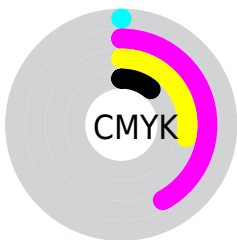
Blue (64%)



Red (89%)

Yellow (52%)

Blue (64%)

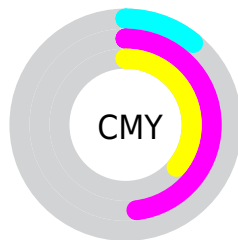


Cyan (0%)

Magenta (42%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (48%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1369, 35.2799, 38.5604 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 46.1369, 35.2799, 38.5604 by changing the saturation by 10% instead.


 46.1369, 35.2799,
38.5604


 46.1369, 35.2799,
38.5604


362.0655,
325.8021, 355.3879


 32.5589, 23.8786,
26.1127


 83.6505, 67.9192,
74.1792

 21.9464, 15.2436,
16.6815


 108.3168, 89.9259,
98.1874

 13.9339, 8.9905,
9.8481


 137.4099,
116.2365, 126.8862

 8.1561, 4.7350,
5.1941

171.2952,
147.2354, 160.6941

 4.2476, 2.0926,
2.3009

210.3381,
183.3070, 200.0297

 1.8432, 0.6605,
0.7317

254.9038,

 0.5435, 0.0000,

224.8358, 245.3115

0.0000

305.3579,
272.2060, 296.9580

■ 0.0000, 0.0000,
0.0000

■ 46.1369, 35.2799,
38.5604

■ 46.1369, 35.2799,
38.5604

■ 42.1123, 29.2873,
30.8782

■ 50.9947, 42.6704,
47.3470

■ 38.8686, 24.5986,
24.2520

■ 56.7278, 51.5348,
57.2791

■ 36.3521, 21.1160,
18.6330


■ 63.3790, 61.9498,
68.3981


■ 34.5002, 18.7257,
13.9668


■ 70.9874, 73.9849,
80.7427

■ 33.2392, 17.2916,
10.1926

■ 79.5897, 87.7059,
94.3499

 32.5378, 16.6383,
7.6480

 85.0663, 94.8657,
107.8700

 85.1742, 94.9088,
108.4378

Harmonies

Analogous

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



44.2602, 35.2799, 57.1197



46.1369, 35.2799, 38.5604



44.3217, 35.2799, 24.5028

Triad

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



46.1369, 35.2799, 38.5604



28.2378, 35.2799, 16.6231



28.1589, 35.2799, 73.6575

Complementary

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



46.1369, 35.2799, 38.5604



46.6775, 63.2847, 61.9829

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.



24.6538, 35.2799, 56.7899



46.1369, 35.2799, 38.5604



24.6954, 35.2799, 24.3154

Square

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



46.1369, 35.2799, 38.5604



33.5836, 35.2799, 14.3037



23.4622, 35.2799, 38.2676



33.4814, 35.2799, 80.6678

Rectangle

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



46.1369, 35.2799, 38.5604



41.3707, 35.2799, 18.6451



23.4622, 35.2799, 38.2676



26.7527, 35.2799, 68.7490

Sweetspot

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



46.1379, 35.2816, 38.5611



82.8783, 80.7366, 89.1817



44.3998, 33.5532, 76.0881



17.4798, 16.8728, 18.6598



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.



46.1379, 35.2816, 38.5611



55.9794, 39.4023, 41.7921



46.0679, 38.9119, 26.9146



13.8866, 13.7723, 15.1729



18.6106, 9.5113, 4.6153



1.3298, 0.6752, 0.5296

Inverse Universe

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



46.1379, 35.2816, 38.5611



55.9794, 39.4023, 41.7921



46.3735, 56.6556, 80.4433



13.8866, 13.7723, 15.1729



18.6106, 9.5113, 4.6153



1.3298, 0.6752, 0.5296

Previews

White Background



This preview shows how the XYZ color 46.1369, 35.2799, 38.5604 looks on a white background.

Color Contrast Check

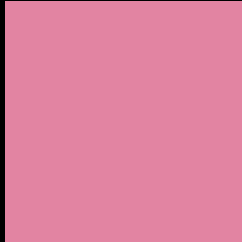
Large Text (above 18pt) WCAG AA × Fail

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 46.1369, 35.2799, 38.5604 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 ✓ Pass

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

XYZ 46.1369, 35.2799, 38.5604

Background



This preview shows how black text looks on a background with the XYZ color 46.1369, 35.2799, 38.5604.



This preview shows how white text looks on a background with the XYZ color 46.1369, 35.2799,

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

46.1369, 35.2799, 38.5604

Protanopia

34.8080, 35.6654, 47.6974

Deuteranopia

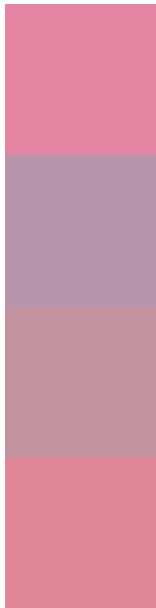
36.0244, 35.2584, 37.2546



Tritanopia

44.5153, 35.2196, 31.2399

Trichromacy



Original Color

46.1369, 35.2799, 38.5604

Protanomaly

37.9776, 34.8971, 44.2693

Deuteranomaly

39.1974, 34.9727, 37.4854

Tritanomaly

45.1623, 35.2921, 33.7099

Monochromacy



Original Color

46.1369, 35.2799, 38.5604

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

38.3326, 35.6656, 39.5141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1369, 35.2799, 38.5604 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(226, 132, 162)` looks like.

```
.text, #text, p{  
    color:rgb(226, 132, 162)  
}
```

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(226, 132, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 132, 162) }
```

Border

The CSS property to change the border of an element to XYZ 46.1369, 35.2799, 38.5604 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(226, 132, 162) }
```


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

```
.border{ border-color:rgb(226, 132, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 132, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 132, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 132, 162);  
box-shadow:4px 4px 4px 4px rgb(226, 132,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1369, 35.2799, 38.5604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 132, 162) }
```

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

```
.background{ background-color: rgb(226,  
132, 162) }
```

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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