

Converting Colors

XYZ(46.2528, 39.2913, 38.8644)

Have a look what the booklet for
XYZ(46.2528, 39.2913, 38.8644)
contains.

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Color

**XYZ(46.2528, 39.2913,
38.8644)**

Conversions

Conversions Part 1

Format	Color
Hex	DA96A1
RGB	218, 150, 161
RGB Percent	85%, 59%, 63%
CMY	0.1451, 0.4117, 0.3686
CMYK	0.00, 0.31, 0.26, 0.15
HSL	350°, 48%, 72%
HSV	350°, 31%, 85%
XYZ	46.2528, 39.2913, 38.8644
YIQ	171.5860, 36.9970, 17.8370

Conversions

Conversions Part 2

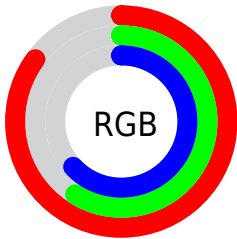
Format	Color
R _Y B	218, 150, 161
Decimal	14325409
CIE Lab	68.96, 27.07, 4.61
CIE LCh	69, 27.457, 9.675
Yxy	39.2913, 0.3718, 0.3158
Android (android.graphics.Color)	4292515489 (0xFFDA96A1)
YUV	171.5860, -5.2189, 40.7051
Hunter-Lab	62.6828, 22.0180, 7.1171

Details

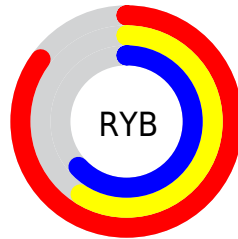
The XYZ color **46.2528, 39.2913, 38.8644** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9132, 61.1328, 68.2563**, and the grayscale version is **39.0169, 41.0488, 44.7022**.

A 20% lighter version of the original color is **75.4660, 69.8805, 74.4765**, and **22.0824, 17.5425, 16.9740** is the 20% darker color. If you saturate the color by 10%, you get **41.5968, 32.3723, 29.9341**, and if you desaturate by 10%, it is **51.7937, 47.6024, 49.2525**.

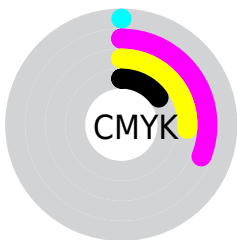
Distribution



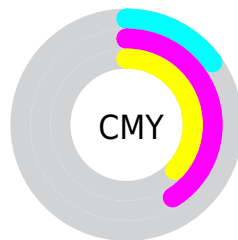
- Red (85%)
- Green (59%)
- Blue (63%)



- Red (85%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (15%)




- Cyan (15%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2528, 39.2913, 38.8644 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 46.2528, 39.2913, 38.8644 by changing the saturation by 10% instead.


 46.2528, 39.2913,
38.8644


 46.2528, 39.2913,
38.8644


362.5230,
343.1274, 356.7224

 32.6508, 26.9864,
26.3472


 83.8228, 74.0831,
74.6492

 22.0170, 17.5630,
16.8555

 108.5215, 97.3388,
98.7539

 13.9861, 10.6367,
9.9707

137.6498,
125.0136, 127.5582

 8.1926, 5.8231,
5.2742

171.5730,
157.4919, 161.4806

 4.2713, 2.7378,
2.3475

210.6566,
195.1580, 200.9397

 1.8567, 0.9964,
0.7576

255.2659,

 0.5515, 0.0000,

238.3963, 246.3540

0.0000

305.7663,
287.5913, 298.1420

■ 0.0000, 0.0000,
0.0000

■ 46.2528, 39.2913,
38.8644

■ 46.2528, 39.2913,
38.8644

■ 41.5968, 32.3723,
29.9341

■ 51.7937, 47.6024,
49.2525

■ 37.7762, 26.7640,
22.3938

■ 58.2589, 57.3702,
61.1576

■ 34.7418, 22.3848,
16.1736

■ 65.6895, 68.6620,
74.6382

■ 32.4377, 19.1419,
11.1964

■ 74.1229, 81.5392,
89.7491

■ 30.8004, 16.9292,
7.3772

■ 82.3037, 93.4775,
106.1121

■ 29.7553, 15.6203,
4.6197

■ 82.7235, 93.6455,
108.3231

■ 29.2207, 15.0283,
2.9706

Harmonies

Analogous

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



45.7890, 39.2913, 51.6932



46.2528, 39.2913, 38.8644



44.1907, 39.2913, 29.1873

Triad

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



46.2528, 39.2913, 38.8644



32.2349, 39.2913, 26.8084



34.5029, 39.2913, 69.5383

Complementary

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



46.2528, 39.2913, 38.8644



48.9132, 61.1328, 68.2563

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.



31.2459, 39.2913, 60.0517



46.2528, 39.2913, 38.8644



30.0090, 39.2913, 34.9579

Square

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



46.2528, 39.2913, 38.8644



35.9512, 39.2913, 23.1788



29.6616, 39.2913, 46.9534



38.7748, 39.2913, 71.1481

Rectangle

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



46.2528, 39.2913, 38.8644



41.7489, 39.2913, 25.1946



29.6616, 39.2913, 46.9534



33.2626, 39.2913, 67.0880

Sweetspot

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



46.2539, 39.2932, 38.8652



85.2163, 85.0436, 91.0988



49.2016, 40.0940, 71.4756



17.9228, 17.7220, 18.9208



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.



46.2539, 39.2932, 38.8652



61.7511, 49.7585, 47.3761



49.2995, 46.8686, 35.3046



13.1415, 13.0857, 14.0063



17.5323, 9.0139, 1.9170



1.1629, 0.5948, 0.2667

Inverse Universe

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



46.2539, 39.2932, 38.8652



61.7511, 49.7585, 47.3761



44.8240, 50.7272, 73.7588



13.1415, 13.0857, 14.0063



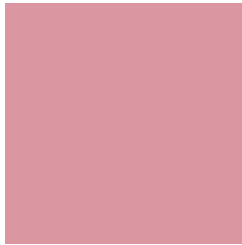
17.5323, 9.0139, 1.9170



1.1629, 0.5948, 0.2667

Previews

White Background



This preview shows how the XYZ color 46.2528, 39.2913, 38.8644 looks on a white background.

Color Contrast Check

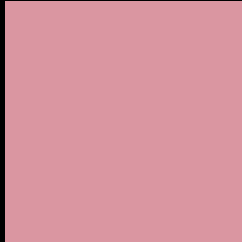
Large Text (above 18pt) WCAG AA × Fail

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 46.2528, 39.2913, 38.8644 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 46.2528, 39.2913, 38.8644

Background



This preview shows how black text looks on a background with the XYZ color 46.2528, 39.2913, 38.8644.



This preview shows how white text looks on a background with the XYZ color 46.2528, 39.2913,

38.8644.

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

46.2528, 39.2913, 38.8644

Protanopia

38.1479, 39.6035, 44.1617

Deuteranopia

40.3415, 39.5164, 38.3021



Tritanopia

46.2528, 39.2913, 38.8644

Trichromacy



Original Color

46.2528, 39.2913, 38.8644

Protanomaly

40.4590, 38.9711, 41.9490

Deuteranomaly

42.3914, 39.2711, 38.6035

Tritanomaly

46.2528, 39.2913, 38.8644

Monochromacy



Original Color

46.2528, 39.2913, 38.8644

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.3296, 40.1969, 42.6263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2528, 39.2913, 38.8644 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(218, 150, 161)` looks like.

```
.text, #text, p{  
    color:rgb(218, 150, 161)  
}
```

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(218, 150, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 150, 161) }
```

Border

The CSS property to change the border of an element to XYZ 46.2528, 39.2913, 38.8644 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(218, 150, 161) }
```


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

```
.border{ border-color:rgb(218, 150, 161) }
```

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

Here you see how a box with a 4 pixel rgb(218, 150, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 150, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 150, 161);  
box-shadow:4px 4px 4px 4px rgb(218, 150,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2528, 39.2913, 38.8644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 150, 161) }
```

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

```
.background{ background-color: rgb(218,  
150, 161) }
```

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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