

Converting Colors

XYZ(46.7032, 39.8826, 44.1240)

Have a look what the booklet for
XYZ(46.7032, 39.8826, 44.1240)
contains.

XYZ(46.6990, 39.8821, 44.2664)	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(46.6990, 39.8821,
44.2664)**

Conversions

Conversions Part 1

Format	Color
Hex	D798AC
RGB	215, 152, 172
RGB Percent	84%, 60%, 67%
CMY	0.1569, 0.4039, 0.3255
CMYK	0.00, 0.29, 0.20, 0.16
HSL	341°, 44%, 72%
HSV	341°, 29%, 84%
XYZ	46.6990, 39.8821, 44.2664
YIQ	173.1170, 31.1280, 19.5760

Conversions

Conversions Part 2

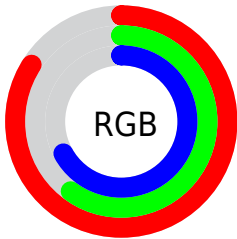
Format	Color
R _Y B	215, 152, 172
Decimal	14129324
CIE Lab	69.39, 26.50, -0.94
CIE LCh	69, 26.518, 357.958
Yxy	39.8821, 0.3569, 0.3048
Android (android.graphics.Color)	4292319404 (0xFFD798AC)
YUV	173.1170, -0.5507, 36.7314
Hunter-Lab	63.1523, 21.4783, 2.6474

Details

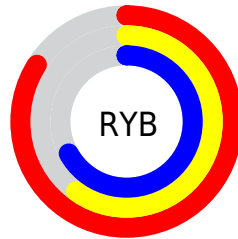
The XYZ color **46.6990, 39.8821, 44.2664** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1014, 59.2175, 60.5804**, and the grayscale version is **39.7727, 41.8440, 45.5681**.

A 20% lighter version of the original color is **77.4180, 71.4317, 82.3804**, and **22.2454, 17.8413, 20.0406** is the 20% darker color. If you saturate the color by 10%, you get **42.1882, 32.9926, 36.1888**, and if you desaturate by 10%, it is **52.0002, 48.1025, 53.3764**.

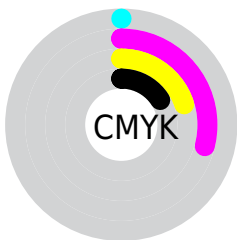
Distribution



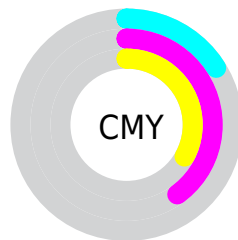
- Red (84%)
- Green (60%)
- Blue (67%)



- Red (84%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6990, 39.8821, 44.2664 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 46.6990, 39.8821, 44.2664 by changing the saturation by 10% instead.

 46.6990, 39.8821,
44.2664

 46.6990, 39.8821,
44.2664


364.2808,
345.6264, 379.8674

 33.0047, 27.4466,
30.5413


 84.4856, 74.9839,
82.9252

 22.2893, 17.9089,
19.9943


 109.3087, 98.4191,
108.6960

 14.1874, 10.8846,
12.2068


138.5720,
126.2896, 139.3190

 8.3337, 5.9893,
6.7605

172.6411,
158.9799, 175.2129

 4.3628, 2.8386,
3.2366

211.8811,
196.8743, 216.7961

 1.9094, 1.0480,
1.2167

256.6575,

 0.5823, 0.0000,

240.3573, 264.4872

0.0000

307.3356,
289.8132, 318.7048

0.0000, 0.0000,
0.0000

46.6990, 39.8821,
44.2664

46.6990, 39.8821,
44.2664

42.1882, 32.9926,
36.1888

52.0002, 48.1025,
53.3764

38.4252, 27.3581,
29.1031

58.1250, 57.7134,
63.5521

35.3684, 22.9035,
22.9698

65.1084, 68.7776,
74.8284

32.9705, 19.5432,
17.7455

72.9826, 81.3522,
87.2379

31.1783, 17.1800,
13.3829

80.3239, 92.5829,
100.3267

■ 29.9292, 15.6994,
9.8295

■ 81.8346, 93.1872,
108.2815

■ 29.1235, 14.9129,
7.0180

■ 29.0754, 14.8675,
6.8453

Harmonies

Analogous

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



45.2850, 39.8821, 57.1023



46.6990, 39.8821, 44.2664



45.6145, 39.8821, 33.3263

Triad

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



46.6990, 39.8821, 44.2664



34.1936, 39.8821, 25.8203



33.7237, 39.8821, 66.5078

Complementary

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



46.6990, 39.8821, 44.2664



47.1014, 59.2175, 60.5804

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.



31.1201, 39.8821, 55.3815



46.6990, 39.8821, 44.2664



31.3768, 39.8821, 32.1269

Square

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



46.6990, 39.8821, 44.2664



38.1995, 39.8821, 23.9418



30.2937, 39.8821, 42.5940



37.6155, 39.8821, 71.3509

Rectangle

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



46.6990, 39.8821, 44.2664



43.6629, 39.8821, 28.2250



30.2937, 39.8821, 42.5940



32.6801, 39.8821, 63.2873

Sweetspot

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



46.7001, 39.8839, 44.2672



85.7402, 85.2532, 93.8573



45.7436, 38.8341, 69.3753



18.0510, 17.7733, 19.5959



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.



46.7001, 39.8839, 44.2672



64.5773, 52.3402, 57.7847



46.7019, 42.7331, 35.4949



12.5841, 12.4851, 13.7499



17.4332, 8.9096, 4.3194



1.0886, 0.5522, 0.4562

Inverse Universe

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



46.7001, 39.8839, 44.2672



64.5773, 52.3402, 57.7847



46.9280, 55.0068, 72.4345



12.5841, 12.4851, 13.7499



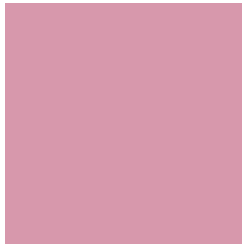
17.4332, 8.9096, 4.3194



1.0886, 0.5522, 0.4562

Previews

White Background



This preview shows how the XYZ color 46.6990, 39.8821, 44.2664 looks on a white background.

Color Contrast Check

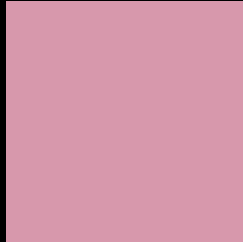
Large Text (above 18pt) WCAG AA × Fail

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 46.6990, 39.8821, 44.2664 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 46.6990, 39.8821, 44.2664

Background



This preview shows how black text looks on a background with the XYZ color 46.6990, 39.8821, 44.2664.



This preview shows how white text looks on a background with the XYZ color 46.6990, 39.8821,

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

46.6990, 39.8821, 44.2664

Protanopia

38.9937, 40.1883, 49.9579

Deuteranopia

40.7809, 39.8923, 43.5808



Tritanopia

45.9143, 39.7952, 40.8586

Trichromacy



Original Color

46.6990, 39.8821, 44.2664

Protanomaly

41.3828, 39.8478, 47.6298

Deuteranomaly

42.9474, 39.9522, 43.9760

Tritanomaly

46.1907, 39.9058, 42.3139

Monochromacy



Original Color

46.6990, 39.8821, 44.2664

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.7370, 40.6188, 45.1756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6990, 39.8821, 44.2664 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(215, 152, 172)` looks like.

```
.text, #text, p{  
    color:rgb(215, 152, 172)  
}
```

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(215, 152, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 152, 172) }
```

Border

The CSS property to change the border of an element to XYZ 46.6990, 39.8821, 44.2664 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(215, 152, 172) }
```


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

```
.border{ border-color:rgb(215, 152, 172) }
```

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

Here you see how a box with a 4 pixel rgb(215, 152, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 152, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 152, 172);  
box-shadow:4px 4px 4px 4px rgb(215, 152,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6990, 39.8821, 44.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 152, 172) }
```

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

```
.background{ background-color: rgb(215,  
152, 172) }
```

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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