

Converting Colors

XYZ(48.1911, 39.6601, 56.7204)

Have a look what the booklet for
XYZ(48.1911, 39.6601, 56.7204)
contains.

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Color

**XYZ(48.3293, 39.7312,
56.7514)**

Conversions

Conversions Part 1

Format	Color
Hex	D695C3
RGB	214, 149, 195
RGB Percent	84%, 58%, 76%
CMY	0.1608, 0.4157, 0.2353
CMYK	0.00, 0.30, 0.09, 0.16
HSL	318°, 44%, 71%
HSV	318°, 30%, 84%
XYZ	48.3293, 39.7312, 56.7514
YIQ	173.6790, 23.9740, 28.0860

Conversions

Conversions Part 2

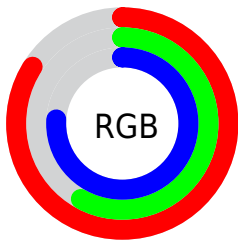
Format	Color
R _Y B	214, 149, 195
Decimal	14063043
CIE Lab	69.28, 31.50, -13.92
CIE LCh	69, 34.444, 336.157
Yxy	39.7312, 0.3337, 0.2744
Android (android.graphics.Color)	4292253123 (0xFFD695C3)
YUV	173.6790, 10.5113, 35.3615
Hunter-Lab	63.0327, 26.5548, -9.2588

Details

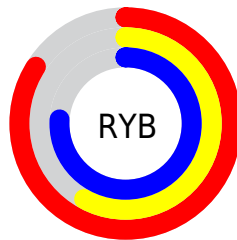
The XYZ color **48.3293, 39.7312, 56.7514** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.5105, 57.3109, 45.8172**, and the grayscale version is **40.0078, 42.0913, 45.8374**.

A 20% lighter version of the original color is **80.4036, 71.4740, 101.6536**, and **23.1830, 17.7416, 27.4019** is the 20% darker color. If you saturate the color by 10%, you get **44.5572, 33.2949, 52.0773**, and if you desaturate by 10%, it is **52.7555, 47.4271, 61.7906**.

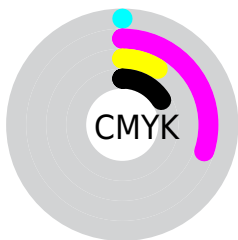
Distribution



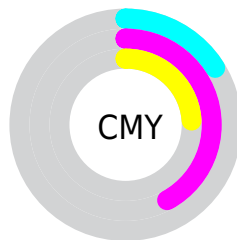
- Red (84%)
- Green (58%)
- Blue (76%)



- Red (84%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3293, 39.7312, 56.7514 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 48.3293, 39.7312, 56.7514 by changing the saturation by 10% instead.


 48.3293, 39.7312,
56.7514


 48.3293, 39.7312,
56.7514


370.6568,
344.9893, 429.9847

 34.3001, 27.3290,
40.3977


 86.9012, 74.7540,
101.5991

 23.2882, 17.8205,
27.5326


 112.1746, 98.1435,
130.9301

 14.9283, 10.8212,
17.7376


141.9268,
125.9641, 165.4240

 8.8551, 5.9467,
10.5943

176.5231,
158.6004, 205.4992

 4.7031, 2.8127,
5.6840

216.3289,
196.4366, 251.5744

 2.1071, 1.0348,
2.5883

261.7096,

 0.6931, 0.0000,

239.8573, 304.0680

0.8864

313.0304,
289.2467, 363.3986

■ 0.0000, 0.0000,
0.0000

■ 48.3293, 39.7312,
56.7514

■ 48.3293, 39.7312,
56.7514

■ 44.5572, 33.2949,
52.0773

■ 52.7555, 47.4271,
61.7906

■ 41.4012, 28.0443,
47.7526

■ 57.8640, 56.4402,
67.2048

■ 38.8246, 23.9064,
43.7636


■ 63.6858, 66.8314,
73.0065


■ 36.7854, 20.7977,
40.0947


■ 70.2488, 78.6559,
79.2065


■ 35.2357, 18.6228,
36.7278


■ 77.2577, 91.3226,
85.7082


 34.1184, 17.2685,
33.6422

 78.1335, 91.6730,
90.3201

 33.3537, 16.5450,
30.9026

 79.0410, 92.0359,
95.0988

 79.9805, 92.4117,
100.0459

 80.9522, 92.8004,
105.1632

Harmonies

Analogous

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



44.3794, 39.7312, 72.7445



48.3293, 39.7312, 56.7514



49.3320, 39.7312, 40.0811

Triad

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



48.3293, 39.7312, 56.7514



36.6362, 39.7312, 19.5264



29.8240, 39.7312, 63.7919

Complementary

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



48.3293, 39.7312, 56.7514



43.5105, 57.3109, 45.8172

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.



28.1613, 39.7312, 46.6038



48.3293, 39.7312, 56.7514



31.8398, 39.7312, 23.0630

Square

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



48.3293, 39.7312, 56.7514



42.2193, 39.7312, 20.9849



28.8618, 39.7312, 32.0974



33.6324, 39.7312, 77.4534

Rectangle

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



48.3293, 39.7312, 56.7514



48.1161, 39.7312, 31.1943



28.8618, 39.7312, 32.0974



29.0135, 39.7312, 58.0949

Sweetspot

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



48.3305, 39.7330, 56.7522



87.0992, 85.7968, 101.0137



38.9114, 34.6130, 68.2490



18.3856, 17.9071, 21.3579



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.



48.3305, 39.7330, 56.7522



68.3992, 53.1360, 80.1698



45.0988, 38.4403, 39.7343



12.7911, 12.5679, 14.8402



20.2074, 10.0193, 18.9278



1.2541, 0.6184, 1.3274

Inverse Universe

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



48.3305, 39.7330, 56.7522



68.3992, 53.1360, 80.1698



46.8580, 58.6499, 63.4445



12.7911, 12.5679, 14.8402



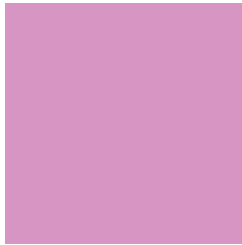
20.2074, 10.0193, 18.9278



1.2541, 0.6184, 1.3274

Previews

White Background



This preview shows how the XYZ color 48.3293, 39.7312, 56.7514 looks on a white background.

Color Contrast Check

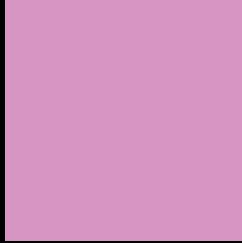
Large Text (above 18pt) WCAG AA × Fail

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 48.3293, 39.7312, 56.7514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

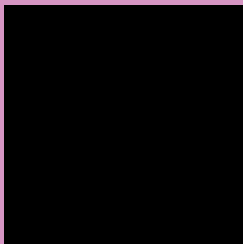
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3293, 39.7312, 56.7514

Background



This preview shows how black text looks on a background with the XYZ color 48.3293, 39.7312, 56.7514.



This preview shows how white text looks on a background with the XYZ color 48.3293, 39.7312,

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

48.3293, 39.7312, 56.7514

Protanopia

39.8850, 40.0329, 65.2995

Deuteranopia

40.6488, 39.8300, 55.4147



Tritanopia

45.0169, 39.5660, 41.3408

Trichromacy



Original Color

48.3293, 39.7312, 56.7514

Protanomaly

42.3468, 39.5048, 61.8932

Deuteranomaly

43.0100, 39.4653, 55.8028

Tritanomaly

46.0280, 39.4797, 46.7894

Monochromacy



Original Color

48.3293, 39.7312, 56.7514

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.8849, 41.1065, 49.9300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3293, 39.7312, 56.7514 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(214, 149, 195)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 195)  
}
```

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(214, 149, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 195) }
```

Border

The CSS property to change the border of an element to XYZ 48.3293, 39.7312, 56.7514 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(214, 149, 195) }
```


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

```
.border{ border-color:rgb(214, 149, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 149, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 195);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3293, 39.7312, 56.7514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 195) }
```

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

```
.background{ background-color: rgb(214,  
149, 195) }
```

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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