

Converting Colors

XYZ(47.8899, 39.1339, 57.5119)

Have a look what the booklet for
XYZ(47.8899, 39.1339, 57.5119)
contains.

XYZ(47.8381, 38.9991, 57.2308)	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(47.8381, 38.9991,
57.2308)**

Conversions

Conversions Part 1

Format	Color
Hex	D593C4
RGB	213, 147, 196
RGB Percent	84%, 58%, 77%
CMY	0.1647, 0.4235, 0.2314
CMYK	0.00, 0.31, 0.08, 0.16
HSL	315°, 44%, 71%
HSV	315°, 31%, 84%
XYZ	47.8381, 38.9991, 57.2308
YIQ	172.3200, 23.6070, 29.2310

Conversions

Conversions Part 2

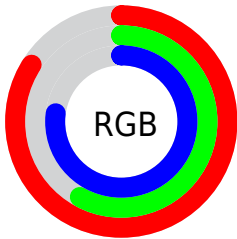
Format	Color
R _Y B	213, 147, 196
Decimal	13996996
CIE Lab	68.75, 32.42, -15.28
CIE LCh	69, 35.842, 334.758
Yxy	38.9991, 0.3321, 0.2707
Android (android.graphics.Color)	4292187076 (0xFFD593C4)
YUV	172.3200, 11.6742, 35.6764
Hunter-Lab	62.4493, 27.4504, -10.6211

Details

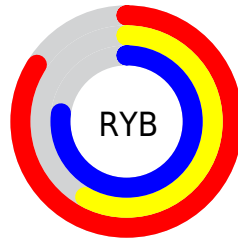
The XYZ color **47.8381, 38.9991, 57.2308** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.5293, 56.4730, 43.7833**, and the grayscale version is **39.3101, 41.3573, 45.0381**.

A 20% lighter version of the original color is **80.0902, 70.5929, 102.3331**, and **22.8793, 17.3055, 27.7256** is the 20% darker color. If you saturate the color by 10%, you get **44.2146, 32.7329, 52.9981**, and if you desaturate by 10%, it is **52.1000, 46.5044, 61.7899**.

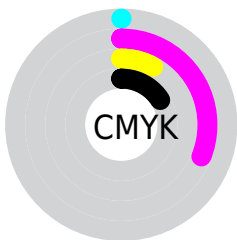
Distribution



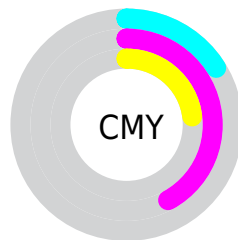
- Red (84%)
- Green (58%)
- Blue (77%)



- Red (84%)
- Yellow (58%)
- Blue (77%)



- Cyan (0%)
- Magenta (31%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8381, 38.9991, 57.2308 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 47.8381, 38.9991, 57.2308 by changing the saturation by 10% instead.

 47.8381, 38.9991,
57.2308


 47.8381, 38.9991,
57.2308


368.7433,
341.8867, 431.8315

 33.9094, 26.7590,
40.7800


 86.1745, 73.6369,
102.3056

 22.9866, 17.3923,
27.8288


 111.3128, 96.8035,
131.7666

 14.7042, 10.5146,
17.9587


140.9185,
124.3810, 166.4014

 8.6970, 5.7415,
10.7512

175.3568,
156.7539, 206.6286

 4.5996, 2.6885,
5.7877

214.9930,
194.3065, 252.8666

 2.0466, 0.9714,
2.6498

260.1927,

 0.6600, 0.0000,

237.4232, 305.5341

0.9180

311.3210,
286.4885, 365.0496

■ 0.0000, 0.0000,
0.0000

■ 47.8381, 38.9991,
57.2308

■ 47.8381, 38.9991,
57.2308

■ 44.2146, 32.7329,
52.9981

■ 52.1000, 46.5044,
61.7899

■ 41.1919, 27.6326,
49.0767

■ 57.0283, 55.3062,
66.6845

■ 38.7336, 23.6254,
45.4538


■ 62.6536, 65.4646,
71.9265


■ 36.7981, 20.6284,
42.1142


■ 69.0034, 77.0345,
77.5262


■ 35.3376, 18.5464,
39.0407


■ 76.1040, 90.0677,
83.4934

 34.2953, 17.2662,
36.2132

 77.3328, 91.3190,
87.6217

 33.6239, 16.6195,
33.8437

 78.1109, 91.6303,
91.7193

 78.9134, 91.9513,
95.9455

 79.7407, 92.2822,
100.3015

Harmonies

Analogous

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



43.6423, 38.9991, 73.6559



47.8381, 38.9991, 57.2308



49.0383, 38.9991, 39.9237

Triad

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



47.8381, 38.9991, 57.2308



36.1697, 38.9991, 18.3154



28.8068, 38.9991, 62.8854

Complementary

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



47.8381, 38.9991, 57.2308



42.5293, 56.4730, 43.7833

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.



27.2229, 38.9991, 45.1086



47.8381, 38.9991, 57.2308



31.1886, 38.9991, 21.6176

Square

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



47.8381, 38.9991, 57.2308



41.9176, 38.9991, 20.0067



28.0485, 38.9991, 30.4836



32.6067, 38.9991, 77.4617

Rectangle

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



47.8381, 38.9991, 57.2308



47.8842, 38.9991, 30.6755



28.0485, 38.9991, 30.4836



28.0162, 38.9991, 56.9398

Sweetspot

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



47.8393, 39.0009, 57.2316



87.2233, 85.8464, 101.6676



37.6525, 33.5130, 67.4356



18.4163, 17.9194, 21.5196



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.



47.8393, 39.0009, 57.2316



68.3047, 52.3799, 81.8867



44.5315, 37.6777, 39.8130



12.8100, 12.5755, 14.9399



20.5823, 10.1692, 20.9022



1.2742, 0.6265, 1.4334

Inverse Universe

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



47.8393, 39.0009, 57.2316



68.3047, 52.3799, 81.8867



45.8491, 57.8010, 61.2649



12.8100, 12.5755, 14.9399



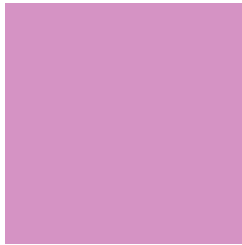
20.5823, 10.1692, 20.9022



1.2742, 0.6265, 1.4334

Previews

White Background



This preview shows how the XYZ color 47.8381, 38.9991, 57.2308 looks on a white background.

Color Contrast Check

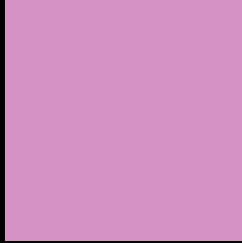
Large Text (above 18pt) WCAG AA × Fail

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 47.8381, 38.9991, 57.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

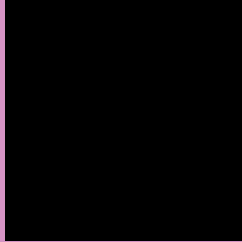
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8381, 38.9991, 57.2308

Background



This preview shows how black text looks on a background with the XYZ color 47.8381, 38.9991, 57.2308.



This preview shows how white text looks on a background with the XYZ color 47.8381, 38.9991,

57.2308.

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

47.8381, 38.9991, 57.2308

Protanopia

39.2454, 39.1450, 65.8089

Deuteranopia

40.1347, 39.2854, 55.9196



Tritanopia

44.4773, 39.0544, 40.7914

Trichromacy



Original Color

47.8381, 38.9991, 57.2308

Protanomaly

41.6573, 38.6209, 62.3857

Deuteranomaly

42.7035, 39.0401, 56.3237

Tritanomaly

45.4814, 38.9694, 46.1990

Monochromacy



Original Color

47.8381, 38.9991, 57.2308

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.9312, 40.0954, 49.2452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8381, 38.9991, 57.2308 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(213, 147, 196)` looks like.

```
.text, #text, p{  
    color:rgb(213, 147, 196)  
}
```

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(213, 147, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 147, 196) }
```

Border

The CSS property to change the border of an element to XYZ 47.8381, 38.9991, 57.2308 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(213, 147, 196) }
```


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

```
.border{ border-color:rgb(213, 147, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 147, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 147, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 147, 196);  
box-shadow:4px 4px 4px 4px rgb(213, 147,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8381, 38.9991, 57.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 147, 196) }
```

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

```
.background{ background-color: rgb(213,  
147, 196) }
```

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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