

Converting Colors

XYZ(66.6736, 69.1992, 39.5272)

Have a look what the booklet for
XYZ(66.6736, 69.1992, 39.5272)
contains.

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Color

**XYZ(66.4239, 68.9102,
39.5058)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D598
RGB	243, 213, 152
RGB Percent	95%, 84%, 60%
CMY	0.0471, 0.1647, 0.4039
CMYK	0.00, 0.12, 0.37, 0.05
HSL	40°, 79%, 77%
HSV	40°, 37%, 95%
XYZ	66.4239, 68.9102, 39.5058
YIQ	215.0160, 37.4610, -12.6110

Conversions

Conversions Part 2

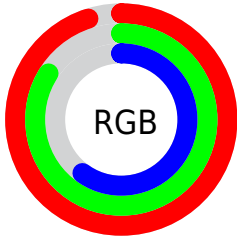
Format	Color
R _Y B	197, 243, 152
Decimal	15979928
CIE Lab	86.46, 2.07, 34.01
CIE LCh	86, 34.070, 86.511
Yxy	68.9102, 0.3799, 0.3941
Android (android.graphics.Color)	4294170008 (0xFFFF3D598)
YUV	215.0160, -31.0669, 24.5420
Hunter-Lab	83.0122, -2.4408, 29.8922

Details

The XYZ color **66.4239, 68.9102, 39.5058** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.8540, 46.6008, 91.3721**, and the grayscale version is **64.7896, 68.1637, 74.2303**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **34.7060, 36.0307, 17.1820** is the 20% darker color. If you saturate the color by 10%, you get **62.6694, 64.2665, 29.4210**, and if you desaturate by 10%, it is **70.6892, 73.9225, 51.7739**.

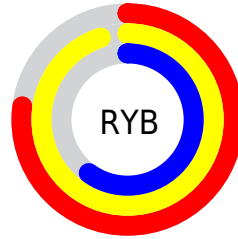
Distribution



Red (95%)

Green (84%)

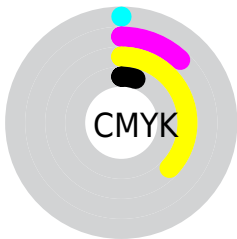
Blue (60%)



Red (77%)

Yellow (95%)

Blue (60%)

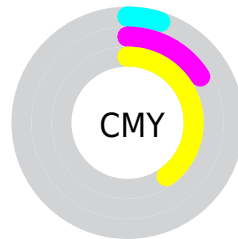


Cyan (0%)

Magenta (12%)

Yellow (37%)

Black (5%)



Cyan (5%)


Magenta (16%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4239, 68.9102, 39.5058 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 66.4239, 68.9102, 39.5058 by changing the saturation by 10% instead.


 66.4239, 68.9102,
39.5058

 66.4239, 68.9102,
39.5058


437.3561,
456.7142, 359.5261

 48.8856, 50.6386,
26.8426


 113.1489,
117.6533, 75.6392

 34.7429, 35.9211,
17.2236


 143.0663,
148.8936, 99.9465

 23.6305, 24.3732,
10.2304


177.8407,
185.2255, 128.9722

 15.1830, 15.6107,
5.4444

217.8375,
227.0335, 163.1349

 9.0351, 9.2491,
2.4470

263.4221,
274.7020, 202.8531

 4.8213, 4.9040,
0.8119

314.9599,

 2.1765, 2.1911,

328.6154, 248.5453

0.0000

372.8161,
389.1580, 300.6302

■ 0.7303, 0.7151,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4239, 68.9102,
39.5058

■ 66.4239, 68.9102,
39.5058

■ 62.6694, 64.2665,
29.4210

■ 70.6892, 73.9225,
51.7739

■ 59.3939, 59.9688,
21.3827

■ 75.4843, 79.3056,
66.3422

■ 56.5700, 56.0063,
15.2453

■ 80.8336, 85.0741,
83.3246

■ 54.1644, 52.3635,
10.8420

■ 86.7583, 91.2384,
102.8259

■ 52.1386, 49.0223,
7.9764

■ 90.1544, 96.5592,
108.4939

■ 50.4421, 45.9603,
6.3907

■ 90.7721, 97.7947,
108.6998

■ 50.0425, 45.2154,
6.0899

Harmonies

Analogous

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



74.2222, 68.9102, 44.3371



66.4239, 68.9102, 39.5058



58.9611, 68.9102, 42.5026

Triad

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



66.4239, 68.9102, 39.5058



52.8474, 68.9102, 96.1257



78.9699, 68.9102, 101.6251

Complementary

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



66.4239, 68.9102, 39.5058



45.8540, 46.6008, 91.3721

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.



72.4990, 68.9102, 120.9694



66.4239, 68.9102, 39.5058



57.4840, 68.9102, 117.3731

Square

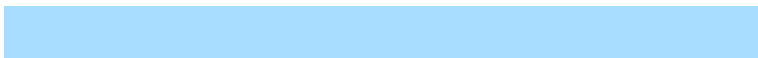
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4239, 68.9102, 39.5058



51.5019, 68.9102, 72.4205



64.5789, 68.9102, 127.2406



81.8224, 68.9102, 77.7045

Rectangle

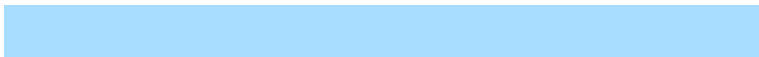
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4239, 68.9102, 39.5058



55.1036, 68.9102, 48.9445



64.5789, 68.9102, 127.2406



77.1216, 68.9102, 109.0498

Sweetspot

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



66.4256, 68.9134, 39.5072



87.9794, 92.5656, 85.8668



56.6688, 44.9030, 50.1179



18.6562, 19.6247, 17.8219



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.



66.4256, 68.9134, 39.5072



70.8507, 72.8780, 35.2403



69.6604, 82.8350, 42.0239



17.4276, 18.3393, 17.4189



27.5936, 25.0729, 3.3852



2.5190, 2.3912, 0.3288

Inverse Universe

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



45.8540, 46.6008, 91.3721



44.8422, 44.6869, 100.8697



43.3781, 37.1620, 89.6807



16.0273, 16.8189, 20.9442



10.5667, 6.9272, 47.3182



1.0189, 0.7892, 4.1889

Previews

White Background



This preview shows how the XYZ color 66.4239, 68.9102, 39.5058 looks on a white background.

Color Contrast Check

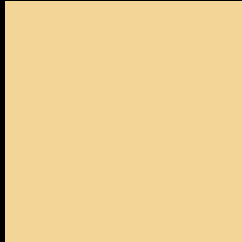
Large Text (above 18pt) WCAG AA × Fail

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 66.4239, 68.9102, 39.5058 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 66.4239, 68.9102, 39.5058

Background



This preview shows how black text looks on a background with the XYZ color 66.4239, 68.9102, 39.5058.



This preview shows how white text looks on a background with the XYZ color 66.4239, 68.9102,

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

66.4239, 68.9102, 39.5058

Protanopia

63.9099, 68.7353, 40.0358

Deuteranopia

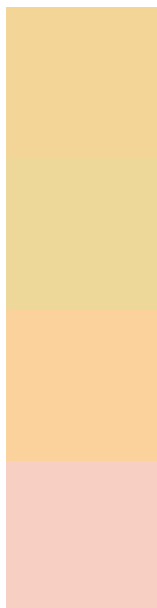
69.9674, 68.8404, 41.9476



Tritanopia

73.9355, 68.6770, 77.0693

Trichromacy



Original Color

66.4239, 68.9102, 39.5058

Protanomaly

64.9753, 68.9053, 40.0125

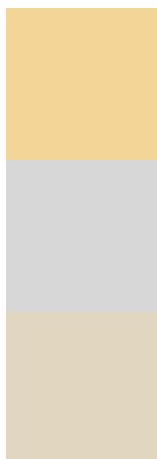
Deuteranomaly

68.8310, 69.0027, 41.1436

Tritanomaly

70.5209, 68.3399, 61.1038

Monochromacy



Original Color

66.4239, 68.9102, 39.5058

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.6123, 67.9065, 59.5710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4239, 68.9102, 39.5058 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(243, 213, 152)` looks like.

```
.text, #text, p{  
    color:rgb(243, 213, 152)  
}
```

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(243, 213, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 213, 152) }
```

Border

The CSS property to change the border of an element to XYZ 66.4239, 68.9102, 39.5058 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(243, 213, 152) }
```


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

```
.border{ border-color:rgb(243, 213, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 213, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 213, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 213, 152);  
box-shadow:4px 4px 4px 4px rgb(243, 213,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4239, 68.9102, 39.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 213, 152) }
```

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

```
.background{ background-color: rgb(243,  
213, 152) }
```

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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