

Converting Colors

XYZ(51.9020, 46.8055, 39.0367)

Have a look what the booklet for
XYZ(51.9020, 46.8055, 39.0367)
contains.

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Color

**XYZ(51.9392, 46.8394,
39.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A89F
RGB	227, 168, 159
RGB Percent	89%, 66%, 62%
CMY	0.1098, 0.3412, 0.3765
CMYK	0.00, 0.26, 0.30, 0.11
HSL	8°, 55%, 76%
HSV	8°, 30%, 89%
XYZ	51.9392, 46.8394, 39.1043
YIQ	184.6150, 38.0530, 9.7090

Conversions

Conversions Part 2

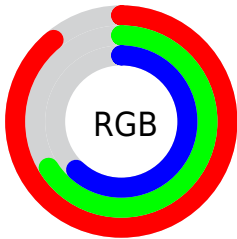
Format	Color
R _Y B	227, 169, 159
Decimal	14919839
CIE Lab	74.09, 20.47, 13.16
CIE LCh	74, 24.338, 32.732
Yxy	46.8394, 0.3767, 0.3397
Android (android.graphics.Color)	4293109919 (0xFFE3A89F)
YUV	184.6150, -12.6282, 37.1716
Hunter-Lab	68.4393, 15.6964, 14.0309

Details

The XYZ color **51.9392, 46.8394, 39.1043** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2337, 63.0576, 82.0388**, and the grayscale version is **45.9544, 48.3476, 52.6506**.

A 20% lighter version of the original color is **79.7653, 78.8904, 74.6416**, and **25.5297, 22.1195, 17.1113** is the 20% darker color. If you saturate the color by 10%, you get **46.7829, 39.3949, 28.5432**, and if you desaturate by 10%, it is **58.0104, 55.5343, 51.7560**.

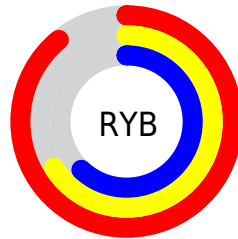
Distribution



Red (89%)

Green (66%)

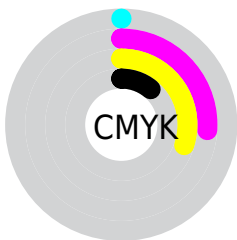
Blue (62%)



Red (89%)

Yellow (66%)

Blue (62%)

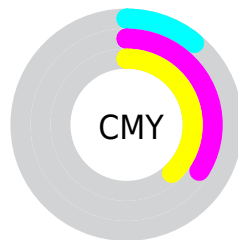


Cyan (0%)

Magenta (26%)

Yellow (30%)

Black (11%)



Cyan (11%)


Magenta (34%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9392, 46.8394, 39.1043 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 51.9392, 46.8394, 39.1043 by changing the saturation by 10% instead.


 51.9392, 46.8394,
39.1043

 51.9392, 46.8394,
39.1043


384.5297,
374.1731, 357.7729

 37.1807, 32.9087,
26.5324


 92.2163, 85.4738,
75.0197

 25.5217, 22.0565,
16.9930


 118.4656,
110.9464, 99.2003

 16.5970, 13.8984,
10.0676


149.2760,
141.0350, 128.0876

 10.0411, 8.0501,
5.3376

185.0126,
176.1241, 162.1001

 5.4887, 4.1270,
2.3845

226.0409,
216.5981, 201.6564

 2.5744, 1.7449,
0.7780

272.7263,

 0.9329, 0.4524,

262.8413, 247.1749

0.0000

325.4341,
315.2382, 299.0742

■ 0.0000, 0.0000,
0.0000

■ 51.9392, 46.8394,
39.1043

■ 51.9392, 46.8394,
39.1043

■ 46.7829, 39.3949,
28.5432

■ 58.0104, 55.5343,
51.7560

■ 42.4932, 33.1368,
19.9572

■ 65.0343, 65.5266,
66.5997

■ 39.0232, 28.0056,
13.2241

■ 73.0509, 76.8689,
83.7334

■ 36.3197, 23.9338,
8.2065

■ 82.0969, 89.6088,
103.2485

■ 34.3232, 20.8467,
4.7483

■ 85.4886, 95.0709,
108.4525

■ 32.9651, 18.6597,
2.6644

■ 32.1472, 17.2672,
1.6415

■ 32.1444, 17.2625,
1.6378

Harmonies

Analogous

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



53.4155, 46.8394, 49.8660



51.9392, 46.8394, 39.1043



48.4660, 46.8394, 32.5203

Triad

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



51.9392, 46.8394, 39.1043



37.4854, 46.8394, 40.7858



44.9196, 46.8394, 78.8911

Complementary

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



51.9392, 46.8394, 39.1043



53.2337, 63.0576, 82.0388

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.



40.7932, 46.8394, 75.4163



51.9392, 46.8394, 39.1043



36.6703, 46.8394, 52.1513

Square

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



51.9392, 46.8394, 39.1043



40.1448, 46.8394, 33.3741



37.8423, 46.8394, 65.0926



49.2009, 46.8394, 73.9429

Rectangle

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



51.9392, 46.8394, 39.1043



45.5869, 46.8394, 30.7234



37.8423, 46.8394, 65.0926



43.4687, 46.8394, 78.6700

Sweetspot

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



51.9404, 46.8416, 39.1052



85.5464, 86.5567, 88.5795



56.8720, 46.2456, 72.9929



18.0032, 18.0909, 18.3064



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.



51.9404, 46.8416, 39.1052



63.2682, 54.7104, 41.9699



58.8080, 60.5767, 41.3944



14.5301, 14.6741, 14.9710



18.7943, 10.1627, 0.9710



1.4385, 0.8504, 0.0883

Inverse Universe

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



53.2337, 63.0576, 82.0388



65.1990, 79.0353, 106.4267



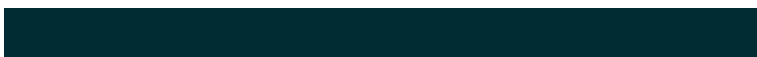
45.5266, 47.6433, 79.4697



14.6361, 15.9937, 18.4600



19.7847, 26.6314, 46.4808



1.5074, 2.0588, 3.4499

Previews

White Background



This preview shows how the XYZ color 51.9392, 46.8394, 39.1043 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 51.9392, 46.8394, 39.1043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

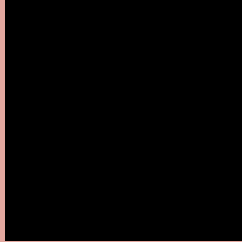
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9392, 46.8394, 39.1043

Background



This preview shows how black text looks on a background with the XYZ color 51.9392, 46.8394, 39.1043.



This preview shows how white text looks on a background with the XYZ color 51.9392, 46.8394,

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

51.9392, 46.8394, 39.1043

Protanopia

44.8461, 47.1562, 42.8148

Deuteranopia

47.9914, 47.0746, 38.9046



Tritanopia

53.8041, 46.7826, 48.3136

Trichromacy



Original Color

51.9392, 46.8394, 39.1043

Protanomaly

46.9616, 46.7851, 41.2056

Deuteranomaly

49.4340, 46.9547, 38.8055

Tritanomaly

52.9818, 46.7067, 44.7509

Monochromacy



Original Color

51.9392, 46.8394, 39.1043

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.7760, 47.6541, 47.7544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9392, 46.8394, 39.1043 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(227, 168, 159)` looks like.

```
.text, #text, p{  
    color:rgb(227, 168, 159)  
}
```

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(227, 168, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 168, 159) }
```

Border

The CSS property to change the border of an element to XYZ 51.9392, 46.8394, 39.1043 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(227, 168, 159) }
```


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

```
.border{ border-color:rgb(227, 168, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 168, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 168, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 168, 159); box-shadow:4px 4px 4px 4px rgb(227, 168, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9392, 46.8394, 39.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 168, 159) }
```

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

```
.background{ background-color: rgb(227,  
168, 159) }
```

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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