

Converting Colors

XYZ(53.4158, 49.8285, 39.5293)

Have a look what the booklet for
XYZ(53.4158, 49.8285, 39.5293)
contains.

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Color

**XYZ(53.4619, 49.8848,
39.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B09F
RGB	227, 176, 159
RGB Percent	89%, 69%, 62%
CMY	0.1098, 0.3098, 0.3765
CMYK	0.00, 0.22, 0.30, 0.11
HSL	15°, 55%, 76%
HSV	15°, 30%, 89%
XYZ	53.4619, 49.8848, 39.6119
YIQ	189.3110, 35.8530, 5.5250

Conversions

Conversions Part 2

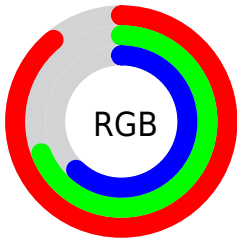
Format	Color
R_{YB}	227, 182, 159
Decimal	14921887
CIE _{Lab}	76.00, 16.19, 15.84
CIE _{LCh}	76, 22.653, 44.379
Yxy	49.8848, 0.3740, 0.3489
Android (android.graphics.Color)	4293111967 (0xFFE3B09F)
YUV	189.3110, -14.9433, 33.0533
Hunter-Lab	70.6292, 11.5124, 16.1880

Details

The XYZ color **53.4619, 49.8848, 39.6119** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2091, 59.0082, 81.3639**, and the grayscale version is **48.6175, 51.1494, 55.7017**.

A 20% lighter version of the original color is **82.2342, 83.8283, 75.4646**, and **26.3673, 23.7947, 17.3905** is the 20% darker color. If you saturate the color by 10%, you get **48.5391, 42.9073, 29.1287**, and if you desaturate by 10%, it is **59.1677, 57.8489, 52.1419**.

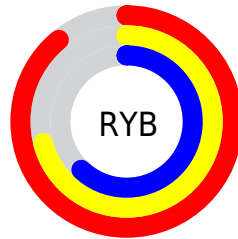
Distribution



Red (89%)

Green (69%)

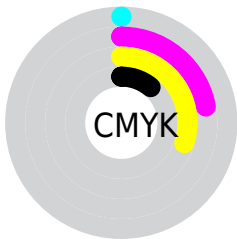
Blue (62%)



Red (89%)

Yellow (71%)

Blue (62%)

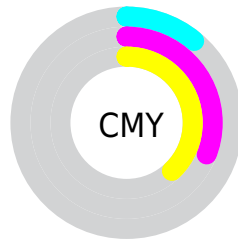


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4619, 49.8848, 39.6119 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 53.4619, 49.8848, 39.6119 by changing the saturation by 10% instead.


 53.4619, 49.8848,
39.6119


 53.4619, 49.8848,
39.6119


390.2866,
386.2153, 359.9884

 38.4006, 35.3219,
26.9246


 94.4452, 90.0042,
75.8028

 26.4724, 23.9109,
17.2847


 121.0980,
116.3294, 100.1434

 17.3119, 15.2676,
10.2736


152.3452,
147.3442, 129.2056

 10.5538, 9.0074,
5.4727

188.5523,
183.4329, 163.4079

 5.8327, 4.7460,
2.4637

230.0847,
224.9800, 203.1687

 2.7833, 2.0990,
0.8208

277.3076,

 1.0402, 0.6641,

272.3698, 248.9067

0.0000

330.5865,
325.9868, 301.0405

0.0000, 0.0000,
0.0000

53.4619, 49.8848,
39.6119

53.4619, 49.8848,
39.6119

48.5391, 42.9073,
29.1287

59.1677, 57.8489,
52.1419

44.3601, 36.8706,
20.5796

65.6855, 66.8291,
66.8168

40.8881, 31.7355,
13.8458

73.0477, 76.8624,
83.7324

38.0814, 27.4573,
8.7938

81.2835, 87.9819,
102.9775

35.8935, 23.9874,
5.2718

85.4886, 95.0709,
108.4525

■ 34.2711, 21.2716,
3.0998

■ 33.1345, 19.2418,
1.9706

■ 33.1302, 19.2341,
1.9664

Harmonies

Analogous

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



55.7286, 49.8848, 48.7396



53.4619, 49.8848, 39.6119



49.6358, 49.8848, 34.8458

Triad

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



53.4619, 49.8848, 39.6119



40.0112, 49.8848, 48.2877



49.4606, 49.8848, 80.1202

Complementary

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



53.4619, 49.8848, 39.6119



51.2091, 59.0082, 81.3639

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.



45.2595, 49.8848, 79.9511



53.4619, 49.8848, 39.6119



39.9705, 49.8848, 60.3024

Square

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



53.4619, 49.8848, 39.6119



41.9550, 49.8848, 39.3236



41.8403, 49.8848, 72.2716



53.3271, 49.8848, 72.7039

Rectangle

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



53.4619, 49.8848, 39.6119



46.7963, 49.8848, 34.2603



41.8403, 49.8848, 72.2716



48.0371, 49.8848, 80.9798

Sweetspot

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



53.4632, 49.8871, 39.6129



86.3258, 88.1154, 88.8393



55.7099, 45.7809, 66.8734



18.1937, 18.4719, 18.3699



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.



53.4632, 49.8871, 39.6129



65.4607, 59.0953, 42.7007



60.9834, 64.9276, 42.1197



14.6684, 14.9506, 15.0171



19.3997, 11.3735, 1.1728



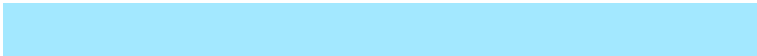
1.5060, 0.9854, 0.1108

Inverse Universe

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



51.2091, 59.0082, 81.3639



62.0641, 72.7655, 105.3818



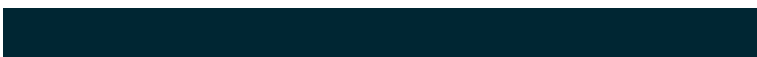
43.6891, 43.9682, 78.8572



14.4862, 15.6939, 18.4100



16.5923, 20.2467, 45.4167



1.2986, 1.6411, 3.3803

Previews

White Background



This preview shows how the XYZ color 53.4619, 49.8848, 39.6119 looks on a white background.

Color Contrast Check

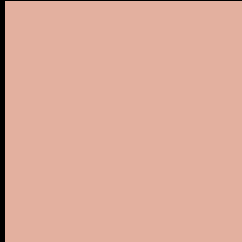
Large Text (above 18pt) WCAG AA × Fail

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 53.4619, 49.8848, 39.6119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

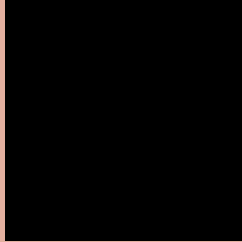
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4619, 49.8848, 39.6119

Background



This preview shows how black text looks on a background with the XYZ color 53.4619, 49.8848, 39.6119.



This preview shows how white text looks on a background with the XYZ color 53.4619, 49.8848,

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

53.4619, 49.8848, 39.6119

Protanopia

47.3268, 49.9930, 42.7525

Deuteranopia

51.0143, 50.1153, 39.3322



Tritanopia

56.1426, 49.8308, 52.5582

Trichromacy



Original Color

53.4619, 49.8848, 39.6119

Protanomaly

49.2765, 49.7767, 41.6610

Deuteranomaly

51.8069, 49.9245, 39.2536

Tritanomaly

55.0931, 49.6797, 47.7597

Monochromacy



Original Color

53.4619, 49.8848, 39.6119

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.8050, 50.1918, 49.1825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4619, 49.8848, 39.6119 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, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 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, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 159) }
```

Border

The CSS property to change the border of an element to XYZ 53.4619, 49.8848, 39.6119 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, 176, 159) }
```


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

```
.border{ border-color:rgb(227, 176, 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, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 159);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4619, 49.8848, 39.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 159) }
```

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

```
.background{ background-color: rgb(227,  
176, 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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