

# Converting Colors

XYZ(43.6559, 39.1198, 29.6763)

Have a look what the booklet for  
XYZ(43.6559, 39.1198, 29.6763)  
contains.

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# Color

**XYZ(43.6564, 39.1214,  
29.6763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D59A8B
RGB	213, 154, 139
RGB Percent	84%, 60%, 55%
CMY	0.1647, 0.3961, 0.4549
CMYK	0.00, 0.28, 0.35, 0.16
HSL	12°, 47%, 69%
HSV	12°, 35%, 84%
XYZ	43.6564, 39.1214, 29.6763
YIQ	169.9310, 39.9790, 7.8430

# Conversions

## Conversions Part 2

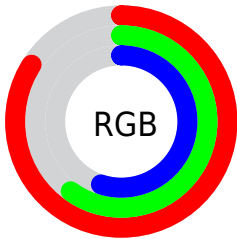
Format	Color
R <sub>Y</sub> B	213, 158, 139
Decimal	13998731
CIE Lab	68.84, 20.09, 16.60
CIE LCh	69, 26.066, 39.564
Yxy	39.1214, 0.3882, 0.3479
Android (android.graphics.Color)	4292188811 (0xFFD59A8B)
YUV	169.9310, -15.2490, 37.7715
Hunter-Lab	62.5471, 15.1314, 15.6520

# Details

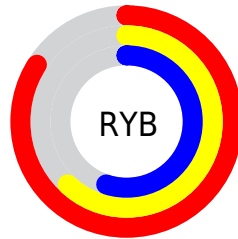
The XYZ color **43.6564, 39.1214, 29.6763** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8511, 50.6795, 70.4746**, and the grayscale version is **38.2346, 40.2258, 43.8059**.

A 20% lighter version of the original color is **73.6661, 70.7112, 60.2181**, and **20.5580, 17.5899, 11.7628** is the 20% darker color. If you saturate the color by 10%, you get **39.6420, 33.3453, 21.3935**, and if you desaturate by 10%, it is **48.3726, 45.8155, 39.6898**.

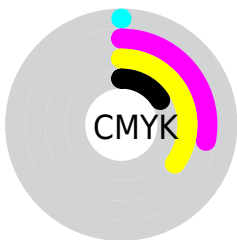
# Distribution



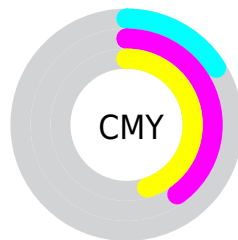
- Red (84%)
- Green (60%)
- Blue (55%)



- Red (84%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (28%)
- Yellow (35%)
- Black (16%)




- Cyan (16%)
- Magenta (40%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6564, 39.1214, 29.6763 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 43.6564, 39.1214, 29.6763 by changing the saturation by 10% instead.





 43.6564, 39.1214,  
29.6763


 43.6564, 39.1214,  
29.6763


352.1802,  
342.4064, 314.5529


 30.5972, 26.8542,  
19.3431


 79.9500, 73.8237,  
60.2048

 20.4427, 17.4637,  
11.7391


 103.9152, 97.0277,  
81.2372

 12.8274, 10.5657,  
6.4459

 132.2463,  
124.6459, 106.6730

 7.3859, 5.7756,  
3.0449

165.3089,  
157.0629, 136.9308

 3.7531, 2.7091,  
1.1176

203.4682,  
194.6631, 172.4292

 1.5634, 0.9818,  
0.0000

247.0897,

 0.3684, 0.0000,

237.8308, 213.5866

0.0000

296.5385,  
286.9504, 260.8217

■ 0.0000, 0.0000,  
0.0000

■ 43.6564, 39.1214,  
29.6763

■ 43.6564, 39.1214,  
29.6763

■ 39.6420, 33.3453,  
21.3935

■ 48.3726, 45.8155,  
39.6898

■ 36.2921, 28.4414,  
14.7403

■ 53.8193, 53.4598,  
51.5224

■ 33.5705, 24.3684,  
9.6090

■ 60.0275, 62.0915,  
65.2593

■ 31.4361, 21.0791,  
5.8774

■ 67.0252, 71.7443,  
80.9796

■ 29.8425, 18.5217,  
3.4046

■ 74.8393, 82.4505,  
98.7580

■ 28.7355, 16.6374,  
2.0195

■ 81.2506, 92.8862,  
108.2542

■ 28.3114, 15.8877,  
1.5744

# Harmonies

## Analogous

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



45.5884, 39.1214, 38.9239



43.6564, 39.1214, 29.6763



40.0296, 39.1214, 24.6229

# Triad

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



43.6564, 39.1214, 29.6763



30.2195, 39.1214, 35.1300



38.5205, 39.1214, 69.2286

# Complementary

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



43.6564, 39.1214, 29.6763



42.8511, 50.6795, 70.4746

# 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.



34.4760, 39.1214, 67.6965



43.6564, 39.1214, 29.6763



29.8812, 39.1214, 46.4932

# Square

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



43.6564, 39.1214, 29.6763



32.3457, 39.1214, 27.3427



31.3847, 39.1214, 58.8093



42.4816, 39.1214, 62.6736



# Rectangle

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



43.6564, 39.1214, 29.6763



37.2442, 39.1214, 23.6421



31.3847, 39.1214, 58.8093



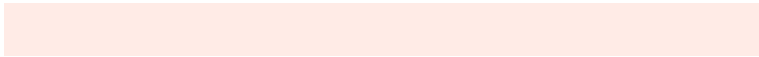
37.1233, 39.1214, 69.6662

# Sweetspot

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



43.6574, 39.1233, 29.6771



85.0669, 86.1732, 86.6449



46.8896, 36.6982, 58.1595



17.9281, 18.0553, 17.9278



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.



43.6574, 39.1233, 29.6771



60.8802, 52.0006, 34.8039



50.6883, 53.1849, 32.0207



12.6252, 12.8246, 12.9707



17.3525, 9.8222, 0.9813



1.1064, 0.7120, 0.0791



# Inverse Universe

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



42.8511, 50.6795, 70.4746



59.4641, 71.9454, 105.3605



35.4379, 35.8532, 68.0035



12.5684, 13.6602, 15.9118



16.1699, 20.6015, 41.5774

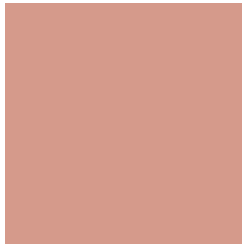


1.0307, 1.3533, 2.5262



# Previews

## White Background



This preview shows how the XYZ color 43.6564, 39.1214, 29.6763 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 43.6564, 39.1214, 29.6763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

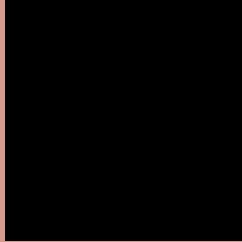
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.6564, 39.1214, 29.6763**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.6564, 39.1214, 29.6763.



This preview shows how white text looks on a background with the XYZ color 43.6564, 39.1214,



# 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

43.6564, 39.1214, 29.6763

### Protanopia

37.0954, 39.3107, 32.8267

### Deuteranopia

40.0135, 39.2777, 29.5172



## Tritanopia

45.6125, 39.1889, 39.3426

# Trichromacy



## Original Color

43.6564, 39.1214, 29.6763

## Protanomaly

39.0414, 38.9964, 31.4560

## Deuteranomaly

41.3427, 39.1878, 29.4298

## Tritanomaly

44.7925, 39.0857, 35.7553

# Monochromacy



## Original Color

43.6564, 39.1214, 29.6763

## Achromatopsia

38.2080, 40.1978, 43.7754

## Achromatomaly

39.7832, 39.4932, 38.3270

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.6564, 39.1214, 29.6763 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, 154, 139) looks like.

```
.text, #text, p{  
    color:rgb(213, 154, 139)  
}
```

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, 154, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 154, 139) }
```

## Border

The CSS property to change the border of an element to XYZ 43.6564, 39.1214, 29.6763 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, 154, 139) }
```



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

```
.border{ border-color:rgb(213, 154, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 154, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 154, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 154, 139); box-shadow:4px 4px 4px 4px rgb(213, 154, 139) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.6564, 39.1214, 29.6763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 154, 139) }
```

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

```
.background{ background-color: rgb(213,  
154, 139) }
```

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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