

Converting Colors

XYZ(39.6249, 38.3971, 31.5011)

Have a look what the booklet for
XYZ(39.6249, 38.3971, 31.5011)
contains.

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Color

**XYZ(39.7769, 38.5941,
31.3395)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A08F
RGB	194, 160, 143
RGB Percent	76%, 63%, 56%
CMY	0.2392, 0.3725, 0.4392
CMYK	0.00, 0.18, 0.26, 0.24
HSL	20°, 29%, 66%
HSV	20°, 26%, 76%
XYZ	39.7769, 38.5941, 31.3395
YIQ	168.2280, 25.7210, 1.9210

Conversions

Conversions Part 2

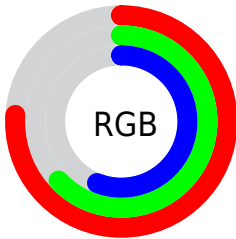
Format	Color
RYB	194, 169, 143
Decimal	12755087
CIELab	68.46, 9.96, 13.56
CIELCh	68, 16.828, 53.706
Yxy	38.5941, 0.3626, 0.3518
Android (android.graphics.Color)	4290945167 (0xFFC2A08F)
YUV	168.2280, -12.4374, 22.6020
Hunter-Lab	62.1241, 5.5729, 13.5771

Details

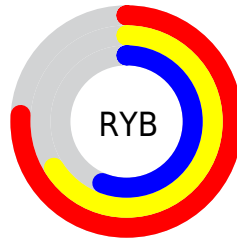
The XYZ color **39.7769, 38.5941, 31.3395** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.7871, 41.1779, 57.0485**, and the grayscale version is **37.3826, 39.3294, 42.8298**.

A 20% lighter version of the original color is **74.1621, 73.1413, 63.0322**, and **18.2596, 17.3030, 12.7334** is the 20% darker color. If you saturate the color by 10%, you get **36.3062, 33.8047, 23.5482**, and if you desaturate by 10%, it is **43.7370, 43.9552, 40.5487**.

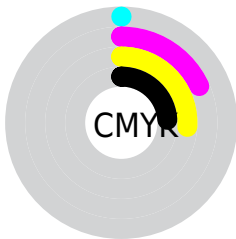
Distribution



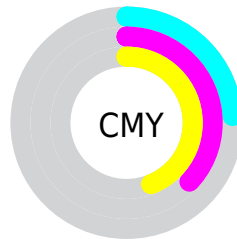
- Red (76%)
- Green (63%)
- Blue (56%)



- Red (76%)
- Yellow (66%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7769, 38.5941, 31.3395 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 39.7769, 38.5941, 31.3395 by changing the saturation by 10% instead.

 39.7769, 38.5941,
31.3395


 39.7769, 38.5941,
31.3395


336.3329,
340.1617, 322.4989

 27.5481, 26.4441,
20.5969


 74.1102, 73.0178,
62.8600

 18.1240, 17.1562,
12.6413


 96.9453, 96.0604,
84.4750

 11.1393, 10.3459,
7.0542


124.0466,
123.5025, 110.5512

 6.2286, 5.6289,
3.4171


155.7794,
155.7287, 141.5071

 3.0265, 2.6208,
1.3113

192.5091,
193.1233, 177.7612

 1.1678, 0.9371,
0.0710

234.6010,

 0.0807, 0.0000,

236.0708, 219.7322

0.0000

282.4205,
284.9554, 267.8386

0.0000, 0.0000,
0.0000

39.7769, 38.5941,
31.3395

39.7769, 38.5941,
31.3395

36.3062, 33.8047,
23.5482

43.7370, 43.9552,
40.5487

33.3018, 29.5621,
17.1012

48.2025, 49.9011,
51.2397

30.7429, 25.8477,
11.9217

53.1922, 56.4511,
63.4752

28.6059, 22.6394,
7.9243

58.7230, 63.6220,
77.3137

26.8648, 19.9134,
5.0126

64.8113, 71.4299,
92.8107

■ 25.4901, 17.6438,
3.0750

■ 70.7554, 79.6037,
106.2436

■ 24.4456, 15.8009,
1.9682

■ 74.6483, 87.3894,
107.5412

■ 24.1203, 15.2135,
1.6652

■ 76.0583, 90.2094,
108.0112

Harmonies

Analogous

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



41.5404, 38.5941, 36.4328



39.7769, 38.5941, 31.3395



37.2430, 38.5941, 29.1407

Triad

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



39.7769, 38.5941, 31.3395



31.8548, 38.5941, 40.4454



38.7661, 38.5941, 56.8237

Complementary

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



39.7769, 38.5941, 31.3395



36.7871, 41.1779, 57.0485

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.



36.1277, 38.5941, 58.2311



39.7769, 38.5941, 31.3395



32.2190, 38.5941, 48.1564

Square

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



39.7769, 38.5941, 31.3395



32.7332, 38.5941, 33.9750



33.7530, 38.5941, 54.8929



40.9374, 38.5941, 51.2497

Rectangle

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



39.7769, 38.5941, 31.3395



35.4903, 38.5941, 29.3978



33.7530, 38.5941, 54.8929



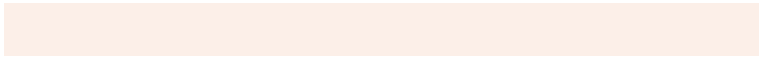
37.9012, 38.5941, 57.8255

Sweetspot

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



39.7779, 38.5959, 31.3403



85.7725, 88.3459, 89.0650



40.0068, 34.2890, 46.1052



18.5041, 18.9764, 18.8319



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.



39.7779, 38.5959, 31.3403



68.0539, 64.4083, 47.7070



44.6602, 48.3604, 32.9677



10.3415, 10.6144, 10.5656



15.9264, 10.1385, 1.1175



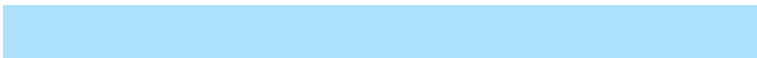
0.7523, 0.5664, 0.0697

Inverse Universe

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



36.7871, 41.1779, 57.0485



61.6471, 69.9196, 102.7165



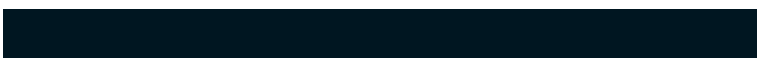
32.2130, 32.0297, 55.5238



10.0765, 10.8443, 12.8469



11.6691, 13.0946, 35.4691



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 39.7769, 38.5941, 31.3395 looks on a white background.

Color Contrast Check

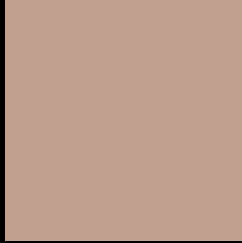
Large Text (above 18pt) WCAG AA × Fail

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 39.7769, 38.5941, 31.3395 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 39.7769, 38.5941, 31.3395

Background



This preview shows how black text looks on a background with the XYZ color 39.7769, 38.5941, 31.3395.



This preview shows how white text looks on a background with the XYZ color 39.7769, 38.5941,

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

39.7769, 38.5941, 31.3395

Protanopia

36.6862, 38.8267, 32.7549

Deuteranopia

39.4410, 38.6794, 31.3737



Tritanopia

41.9823, 38.4744, 42.2594

Trichromacy



Original Color

39.7769, 38.5941, 31.3395

Protanomaly

37.6777, 38.5403, 32.2413

Deuteranomaly

39.6951, 38.8104, 31.3856

Tritanomaly

41.0799, 38.3529, 38.0386

Monochromacy



Original Color

39.7769, 38.5941, 31.3395

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8446, 38.7606, 38.2878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7769, 38.5941, 31.3395 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(194, 160, 143)` looks like.

```
.text, #text, p{  
    color:rgb(194, 160, 143)  
}
```

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(194, 160, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 160, 143) }
```

Border

The CSS property to change the border of an element to XYZ 39.7769, 38.5941, 31.3395 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(194, 160, 143) }
```


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

```
.border{ border-color:rgb(194, 160, 143) }
```

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

Here you see how a box with a 4 pixel rgb(194, 160, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 160, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 160, 143);  
box-shadow:4px 4px 4px 4px rgb(194, 160,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7769, 38.5941, 31.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 160, 143) }
```

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

```
.background{ background-color: rgb(194,  
160, 143) }
```

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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