

Converting Colors

XYZ(41.5683, 39.8990, 31.4180)

Have a look what the booklet for
XYZ(41.5683, 39.8990, 31.4180)
contains.

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Color

**XYZ(41.5222, 39.7523,
31.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A18F
RGB	200, 161, 143
RGB Percent	78%, 63%, 56%
CMY	0.2157, 0.3686, 0.4392
CMYK	0.00, 0.19, 0.28, 0.22
HSL	19°, 34%, 67%
HSV	19°, 28%, 78%
XYZ	41.5222, 39.7523, 31.4711
YIQ	170.6090, 29.0220, 2.6700

Conversions

Conversions Part 2

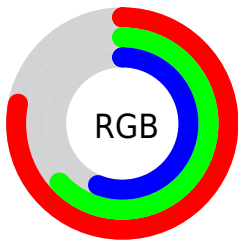
Format	Color
R _Y B	200, 169, 143
Decimal	13148559
CIE Lab	69.29, 11.75, 14.82
CIE LCh	69, 18.912, 51.600
Yxy	39.7523, 0.3683, 0.3526
Android (android.graphics.Color)	4291338639 (0xFFC8A18F)
YUV	170.6090, -13.6112, 25.7759
Hunter-Lab	63.0494, 7.2175, 14.5400

Details

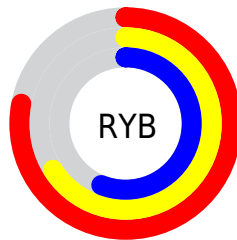
The XYZ color **41.5222, 39.7523, 31.4711** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.4804, 43.4642, 61.0049**, and the grayscale version is **38.5694, 40.5780, 44.1894**.

A 20% lighter version of the original color is **75.8739, 74.4030, 63.1855**, and **19.1215, 17.7473, 12.7737** is the 20% darker color. If you saturate the color by 10%, you get **37.8786, 34.6773, 23.4363**, and if you desaturate by 10%, it is **45.6997, 45.4624, 41.0174**.

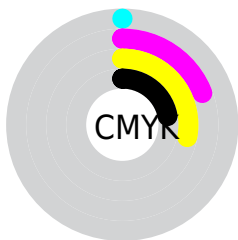
Distribution



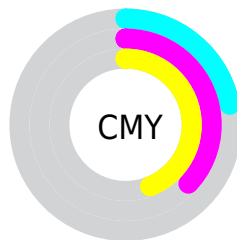
- Red (78%)
- Green (63%)
- Blue (56%)



- Red (78%)
- Yellow (66%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (28%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5222, 39.7523, 31.4711 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 41.5222, 39.7523, 31.4711 by changing the saturation by 10% instead.


 41.5222, 39.7523,
31.4711

 41.5222, 39.7523,
31.4711


343.5239,
345.0784, 323.1210

 28.9168, 27.3455,
20.6964


 76.7457, 74.7862,
63.0693

 19.1619, 17.8328,
12.7132


 100.0945, 98.1820,
84.7298

 11.8920, 10.8300,
7.1029

127.7552,
126.0096, 110.8560

 6.7419, 5.9527,
3.4471

160.0931,
158.6535, 141.8664

 3.3461, 2.8163,
1.3272

197.4735,
196.4978, 178.1795

 1.3393, 1.0366,
0.0840

240.2619,

 0.2123, 0.0000,

239.9272, 220.2140

0.0000

288.8236,
289.3259, 268.3883

■ 0.0000, 0.0000,
0.0000

■ 41.5222, 39.7523,
31.4711

■ 41.5222, 39.7523,
31.4711

■ 37.8786, 34.6773,
23.4363

■ 45.6997, 45.4624,
41.0174

■ 34.7431, 30.2095,
16.8321

■ 50.4293, 51.8233,
52.1454

■ 32.0921, 26.3265,
11.5740

■ 55.7321, 58.8573,
64.9239

■ 29.8990, 23.0030,
7.5670

■ 61.6272, 66.5838,
79.4168

■ 28.1341, 20.2110,
4.7039

■ 68.1326, 75.0212,
95.6846

■ 26.7635, 17.9201,
2.8590

■ 73.9504, 83.6613,
106.8584

■ 25.7392, 16.0926,
1.8358

■ 77.6294, 91.0194,
108.0847

■ 25.6065, 15.8536,
1.7104

Harmonies

Analogous

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



43.4683, 39.7523, 37.4226



41.5222, 39.7523, 31.4711



38.6416, 39.7523, 28.7760

Triad

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



41.5222, 39.7523, 31.4711



32.3036, 39.7523, 40.8895



39.9708, 39.7523, 60.7407

Complementary

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



41.5222, 39.7523, 31.4711



38.4804, 43.4642, 61.0049

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.



36.9379, 39.7523, 61.9945



41.5222, 39.7523, 31.4711



32.6171, 39.7523, 49.7265

Square

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



41.5222, 39.7523, 31.4711



33.3955, 39.7523, 33.7173



34.2760, 39.7523, 57.7339



42.5397, 39.7523, 54.5069

Rectangle

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



41.5222, 39.7523, 31.4711



36.6230, 39.7523, 28.8995



34.2760, 39.7523, 57.7339



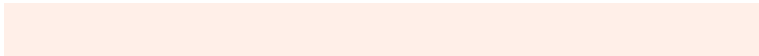
38.9680, 39.7523, 61.7890

Sweetspot

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



41.5232, 39.7541, 31.4719



86.7667, 88.9973, 88.9863



42.1790, 35.3394, 49.3436



18.3018, 18.6880, 18.4059



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.



41.5232, 39.7541, 31.4719



68.0049, 63.4365, 45.8527



46.8892, 50.4861, 33.2606



10.9027, 11.1746, 11.1450



16.3532, 10.2236, 1.1114



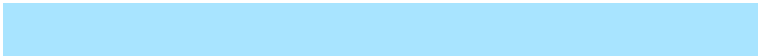
0.8400, 0.6154, 0.0745

Inverse Universe

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



38.4804, 43.4642, 61.0049



61.8999, 70.8527, 105.0212



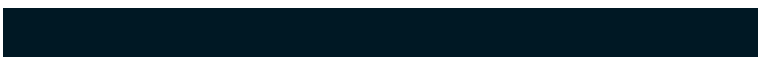
33.3752, 33.2537, 59.3032



10.6533, 11.4806, 13.5720



12.3845, 14.1630, 36.8254



0.6493, 0.7964, 1.7646

Previews

White Background



This preview shows how the XYZ color 41.5222, 39.7523, 31.4711 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 41.5222, 39.7523, 31.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

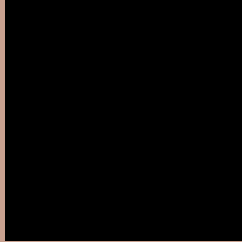
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5222, 39.7523, 31.4711

Background



This preview shows how black text looks on a background with the XYZ color 41.5222, 39.7523, 31.4711.



This preview shows how white text looks on a background with the XYZ color 41.5222, 39.7523,

31.4711.

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

41.5222, 39.7523, 31.4711

Protanopia

37.8145, 39.9475, 33.3214

Deuteranopia

40.5608, 39.7797, 31.5271



Tritanopia

43.8470, 39.6750, 42.8832

Trichromacy



Original Color

41.5222, 39.7523, 31.4711

Protanomaly

39.0742, 39.7869, 32.8143

Deuteranomaly

40.9042, 39.6941, 31.4925

Tritanomaly

42.9291, 39.5483, 38.6287

Monochromacy



Original Color

41.5222, 39.7523, 31.4711

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.5431, 40.1557, 39.3849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5222, 39.7523, 31.4711 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(200, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(200, 161, 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(200, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 161, 143) }
```

Border

The CSS property to change the border of an element to XYZ 41.5222, 39.7523, 31.4711 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(200, 161, 143) }
```


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

```
.border{ border-color:rgb(200, 161, 143) }
```

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

Here you see how a box with a 4 pixel rgb(200, 161, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 161, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 161, 143);  
box-shadow:4px 4px 4px 4px rgb(200, 161,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5222, 39.7523, 31.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 161, 143) }
```

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

```
.background{ background-color: rgb(200,  
161, 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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