

Converting Colors

XYZ(39.3438, 40.0165, 20.0504)

Have a look what the booklet for
XYZ(39.3438, 40.0165, 20.0504)
contains.

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Color

**XYZ(39.2414, 39.8847,
20.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A56D
RGB	197, 165, 109
RGB Percent	77%, 65%, 43%
CMY	0.2275, 0.3529, 0.5725
CMYK	0.00, 0.16, 0.45, 0.23
HSL	38°, 43%, 60%
HSV	38°, 45%, 77%
XYZ	39.2414, 39.8847, 20.0983
YIQ	168.1840, 37.0480, -10.6320

Conversions

Conversions Part 2

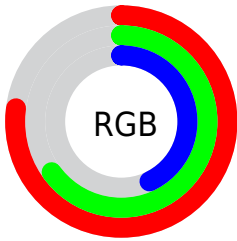
Format	Color
RYB	159, 197, 109
Decimal	12952941
CIELab	69.39, 4.26, 33.34
CIELCh	69, 33.615, 82.716
Yxy	39.8847, 0.3955, 0.4020
Android (android.graphics.Color)	4291143021 (0xFFC5A56D)
YUV	168.1840, -29.1777, 25.2716
Hunter-Lab	63.1543, 0.3922, 25.3395

Details

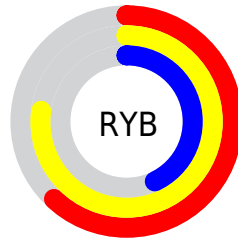
The XYZ color **39.2414, 39.8847, 20.0983** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.9093, 26.3313, 56.5401**, and the grayscale version is **37.4368, 39.3864, 42.8918**.

A 20% lighter version of the original color is **73.2662, 75.0196, 44.3369**, and **17.7052, 17.7992, 6.7774** is the 20% darker color. If you saturate the color by 10%, you get **37.0418, 36.9967, 14.7066**, and if you desaturate by 10%, it is **41.7530, 43.0163, 26.7675**.

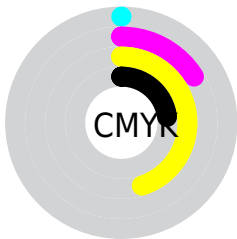
Distribution



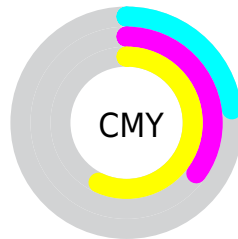
- Red (77%)
- Green (65%)
- Blue (43%)



- Red (62%)
- Yellow (77%)
- Blue (43%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (23%)




- Cyan (23%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2414, 39.8847, 20.0983 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 39.2414, 39.8847, 20.0983 by changing the saturation by 10% instead.


 39.2414, 39.8847,
20.0983


 39.2414, 39.8847,
20.0983


334.1052,
345.6374, 265.0686


 27.1291, 27.4487,
12.2817


 73.2987, 74.9879,
44.4431

 17.8073, 17.9105,
6.8110


 95.9744, 98.4239,
61.8083

 10.9106, 10.8857,
3.2675


 122.9020,
126.2952, 83.1936

 6.0736, 5.9900,
1.2328

 154.4468,
158.9864, 109.0174

 2.9310, 2.8390,
0.0058

190.9741,
196.8819, 139.6982

 1.1174, 1.0483,
0.0000

232.8494,

 0.0396, 0.0000,

240.3659, 175.6547

0.0000

280.4380,
289.8229, 217.3053

■ 0.0000, 0.0000,
0.0000

■ 39.2414, 39.8847,
20.0983

■ 39.2414, 39.8847,
20.0983

■ 37.0418, 36.9967,
14.7066

■ 41.7530, 43.0163,
26.7675

■ 35.1340, 34.3378,
10.5048

■ 44.5895, 46.3939,
34.7888

■ 33.4998, 31.9003,
7.3983

■ 47.7662, 50.0271,
44.2342

■ 32.1170, 29.6735,
5.2767

■ 51.2969, 53.9230,
55.1695

■ 30.9591, 27.6445,
4.0059

■ 55.1941, 58.0884,
67.6568

■ 30.4069, 26.6323,
3.5379

■ 59.4701, 62.5298,
81.7542

■ 64.1362, 67.2535,
97.5171

■ 67.2785, 71.4955,
104.8618

■ 69.2250, 75.3886,
105.5106

Harmonies

Analogous

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



44.5559, 39.8847, 23.7982



39.2414, 39.8847, 20.0983



34.0378, 39.8847, 21.3609

Triad

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



39.2414, 39.8847, 20.0983



29.1123, 39.8847, 55.9583



46.7889, 39.8847, 64.0553

Complementary

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



39.2414, 39.8847, 20.0983



25.9093, 26.3313, 56.5401

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.



42.0636, 39.8847, 77.0536



39.2414, 39.8847, 20.0983



31.9588, 39.8847, 71.6572

Square

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



39.2414, 39.8847, 20.0983



28.5111, 39.8847, 39.7643



36.6075, 39.8847, 80.1238



49.1743, 39.8847, 47.3093

Rectangle

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



39.2414, 39.8847, 20.0983



31.2904, 39.8847, 25.0327



36.6075, 39.8847, 80.1238



45.4012, 39.8847, 69.1560

Sweetspot

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



39.2424, 39.8866, 20.0991



86.4395, 90.5955, 81.9327



33.3224, 24.7390, 28.3227



18.2126, 19.0670, 16.6579



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.



39.2424, 39.8866, 20.0991



66.2842, 66.1827, 26.2032



42.7986, 51.3841, 22.1309



11.1871, 11.7434, 11.2398



20.0818, 17.6807, 2.3543



1.0180, 0.9714, 0.1338

Inverse Universe

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



25.9093, 26.3313, 56.5401



39.3123, 38.7943, 100.0238



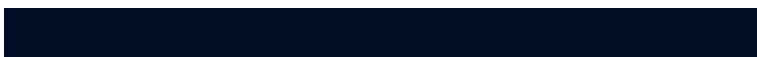
23.3949, 19.0147, 55.2604



10.3671, 10.9083, 13.4766



8.2101, 5.8142, 35.4339



0.4575, 0.4129, 1.7007

Previews

White Background



This preview shows how the XYZ color 39.2414, 39.8847, 20.0983 looks on a white background.

Color Contrast Check

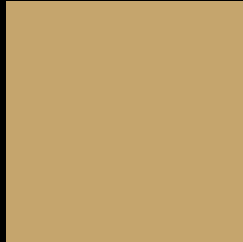
Large Text (above 18pt) WCAG AA × Fail

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 39.2414, 39.8847, 20.0983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

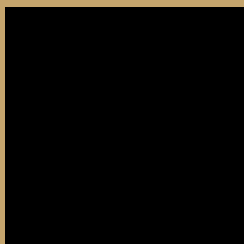
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2414, 39.8847, 20.0983

Background



This preview shows how black text looks on a background with the XYZ color 39.2414, 39.8847, 20.0983.



This preview shows how white text looks on a background with the XYZ color 39.2414, 39.8847,

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

39.2414, 39.8847, 20.0983

Protanopia

37.0111, 40.0875, 20.8259

Deuteranopia

40.6366, 39.8038, 20.2930



Tritanopia

43.9413, 39.7127, 43.3796

Trichromacy



Original Color

39.2414, 39.8847, 20.0983

Protanomaly

37.8034, 39.9499, 20.4705

Deuteranomaly

39.9991, 39.7377, 20.3138

Tritanomaly

42.0035, 39.6972, 33.4655

Monochromacy



Original Color

39.2414, 39.8847, 20.0983

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6756, 39.3277, 33.2091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2414, 39.8847, 20.0983 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(197, 165, 109)` looks like.

```
.text, #text, p{  
    color:rgb(197, 165, 109)  
}
```

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(197, 165, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 165, 109) }
```

Border

The CSS property to change the border of an element to XYZ 39.2414, 39.8847, 20.0983 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(197, 165, 109) }
```


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

```
.border{ border-color:rgb(197, 165, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 165, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 165, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 165, 109);  
box-shadow:4px 4px 4px 4px rgb(197, 165,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2414, 39.8847, 20.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 165, 109) }
```

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

```
.background{ background-color: rgb(197,  
165, 109) }
```

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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