

Converting Colors

XYZ(39.0601, 40.7973, 17.7552)

Have a look what the booklet for
XYZ(39.0601, 40.7973, 17.7552)
contains.

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Color

**XYZ(39.2532, 41.0318,
17.9077)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A964
RGB	196, 169, 100
RGB Percent	77%, 66%, 39%
CMY	0.2314, 0.3372, 0.6078
CMYK	0.00, 0.14, 0.49, 0.23
HSL	43°, 45%, 58%
HSV	43°, 49%, 77%
XYZ	39.2532, 41.0318, 17.9077
YIQ	169.2070, 38.2410, -15.7350

Conversions

Conversions Part 2

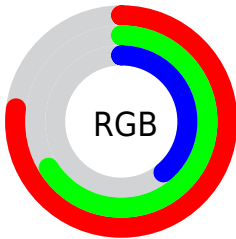
Format	Color
RYB	138, 196, 100
Decimal	12888420
CIELab	70.20, 0.80, 39.04
CIELCh	70, 39.048, 88.820
Yxy	41.0318, 0.3998, 0.4179
Android (android.graphics.Color)	4291078500 (0xFFC4A964)
YUV	169.2070, -34.1191, 23.4975
Hunter-Lab	64.0561, -2.7143, 28.2640

Details

The XYZ color **39.2532, 41.0318, 17.9077** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **22.8085, 21.8729, 55.2442**, and the grayscale version is **37.9659, 39.9431, 43.4980**.

A 20% lighter version of the original color is **73.1962, 76.6491, 40.6427**, and **17.7740, 18.5370, 5.7732** is the 20% darker color. If you saturate the color by 10%, you get **37.4128, 38.6909, 13.1638**, and if you desaturate by 10%, it is **41.3670, 43.5543, 23.8695**.

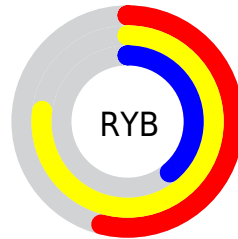
Distribution



Red (77%)

Green (66%)

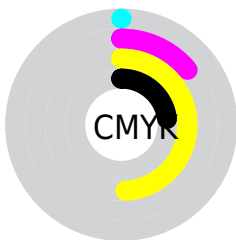
Blue (39%)



Red (54%)

Yellow (77%)

Blue (39%)

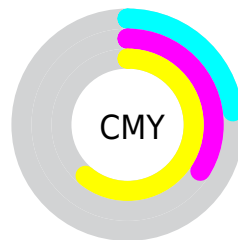


Cyan (0%)

Magenta (14%)

Yellow (49%)

Black (23%)



Cyan (23%)

Magenta (34%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2532, 41.0318, 17.9077 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 39.2532, 41.0318, 17.9077 by changing the saturation by 10% instead.

■ 39.2532, 41.0318,
17.9077

■ 39.2532, 41.0318,
17.9077

334.1544,
350.4535, 252.5689

■ 27.1384, 28.3439,
10.7150

■ 73.3166, 76.7322,
40.6918

■ 17.8143, 18.5851,
5.7638

■ 95.9958, 100.5135,
57.1203

■ 10.9156, 11.3709,
2.6355

■ 122.9272,
128.7613, 77.4644

■ 6.0770, 6.3169,
0.9107

■ 154.4762,
161.8602, 102.1427

■ 2.9331, 3.0387,
0.0000

191.0080,
200.1945, 131.5738

■ 1.1185, 1.1520,
0.0000

232.8881,

■ 0.0405, 0.0219,

244.1485, 166.1762

0.0000

280.4818,
294.1067, 206.3683

■ 0.0000, 0.0000,
0.0000

■ 39.2532, 41.0318,
17.9077

■ 39.2532, 41.0318,
17.9077

■ 37.4128, 38.6909,
13.1638

■ 41.3670, 43.5543,
23.8695

■ 35.8257, 36.5181,
9.5475

■ 43.7669, 46.2597,
31.1259

■ 34.4734, 34.5068,
6.9599

■ 46.4679, 49.1563,
39.7499

■ 33.3333, 32.6468,
5.2837

■ 49.4832, 52.2503,
49.8088

■ 32.3669, 30.9221,
4.3201

■ 52.8253, 55.5473,
61.3649

■ 32.2727, 30.7514,
4.2347

■ 56.5058, 59.0529,
74.4772

■ 60.5356, 62.7721,
89.2013

■ 64.6337, 66.5933,
104.0550

■ 66.0446, 69.4151,
104.5253

Harmonies

Analogous

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



45.7181, 41.0318, 20.8134



39.2532, 41.0318, 17.9077



33.3672, 41.0318, 20.3807

Triad

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



39.2532, 41.0318, 17.9077



29.1880, 41.0318, 63.8935



50.4936, 41.0318, 65.5008

Complementary

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



39.2532, 41.0318, 17.9077



22.8085, 21.8729, 55.2442

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.



45.2324, 41.0318, 83.1772



39.2532, 41.0318, 17.9077



32.9736, 41.0318, 82.0848

Square

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



39.2532, 41.0318, 17.9077



27.9525, 41.0318, 43.9555



38.7469, 41.0318, 89.9427



52.6300, 41.0318, 45.4056

Rectangle

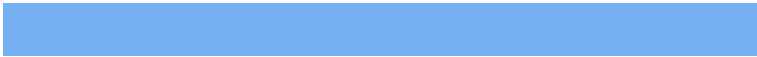
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.2532, 41.0318, 17.9077



30.4576, 41.0318, 25.2700



38.7469, 41.0318, 89.9427



49.0055, 41.0318, 72.1055

Sweetspot

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



39.2542, 41.0337, 17.9085



86.1560, 91.1051, 78.5194



31.1662, 22.3881, 22.8263



18.1968, 19.2472, 15.9997



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.



39.2542, 41.0337, 17.9085



67.4839, 69.7050, 23.1413



39.7645, 49.5371, 19.5230



10.6663, 11.2640, 10.6739



20.8125, 19.9108, 2.7462



0.9551, 0.9720, 0.1373

Inverse Universe

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



22.8085, 21.8729, 55.2442



34.2344, 31.0190, 98.7907



22.3786, 17.1509, 54.3555



9.7538, 10.1989, 12.7393



7.3473, 4.4510, 34.0285



0.3778, 0.3130, 1.4904

Previews

White Background



This preview shows how the XYZ color 39.2532, 41.0318, 17.9077 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 39.2532, 41.0318, 17.9077 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 39.2532, 41.0318, 17.9077

Background



This preview shows how black text looks on a background with the XYZ color 39.2532, 41.0318, 17.9077.



This preview shows how white text looks on a background with the XYZ color 39.2532, 41.0318,

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

39.2532, 41.0318, 17.9077

Protanopia

37.8405, 41.1360, 18.2576

Deuteranopia

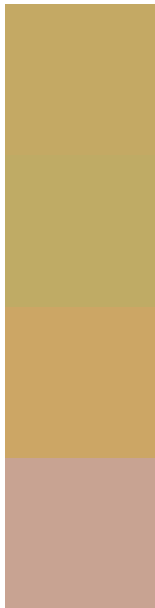
41.9189, 41.0458, 18.0252



Tritanopia

44.7422, 40.8553, 45.0628

Trichromacy



Original Color

39.2532, 41.0318, 17.9077

Protanomaly

38.3977, 41.1418, 18.2293

Deuteranomaly

40.8870, 41.0494, 18.0803

Tritanomaly

42.1049, 40.5491, 32.8017

Monochromacy



Original Color

39.2532, 41.0318, 17.9077

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8124, 39.9733, 32.1082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2532, 41.0318, 17.9077 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(196, 169, 100)` looks like.

```
.text, #text, p{  
    color:rgb(196, 169, 100)  
}
```

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(196, 169, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 169, 100) }
```

Border

The CSS property to change the border of an element to XYZ 39.2532, 41.0318, 17.9077 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(196, 169, 100) }
```


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

```
.border{ border-color:rgb(196, 169, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 169, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 169, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 169, 100);  
box-shadow:4px 4px 4px 4px rgb(196, 169,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2532, 41.0318, 17.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 169, 100) }
```

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

```
.background{ background-color: rgb(196,  
169, 100) }
```

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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