

Converting Colors

XYZ(39.4298, 44.0628, 7.3261)

Have a look what the booklet for
XYZ(39.4298, 44.0628, 7.3261)
contains.

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Color

**XYZ(39.3846, 43.9167,
7.3207)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B219
RGB	198, 178, 25
RGB Percent	78%, 70%, 10%
CMY	0.2235, 0.3019, 0.9019
CMYK	0.00, 0.10, 0.87, 0.22
HSL	53°, 78%, 44%
HSV	53°, 87%, 78%
XYZ	39.3846, 43.9167, 7.3207
YIQ	166.5380, 61.0330, -43.3430

Conversions

Conversions Part 2

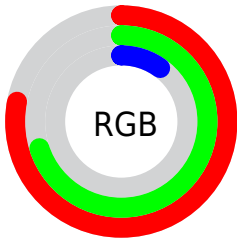
Format	Color
RYB	48, 198, 25
Decimal	13021721
CIELab	72.17, -7.29, 70.70
CIElCh	72, 71.071, 95.889
Yxy	43.9167, 0.4346, 0.4846
Android (android.graphics.Color)	4291211801 (0xFFC6B219)
YUV	166.5380, -69.7782, 27.5922
Hunter-Lab	66.2697, -9.8880, 39.8391

Details

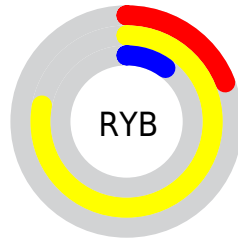
The XYZ color **39.3846, 43.9167, 7.3207** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **11.5327, 6.1611, 54.0072**, and the grayscale version is **36.8149, 38.7321, 42.1793**.

A 20% lighter version of the original color is **72.1821, 80.2591, 21.1383**, and **18.2761, 20.4972, 2.9931** is the 20% darker color. If you saturate the color by 10%, you get **38.7870, 42.9568, 6.3968**, and if you desaturate by 10%, it is **40.1392, 44.9549, 9.0251**.

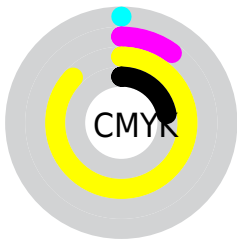
Distribution



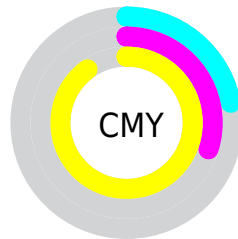
- Red (78%)
- Green (70%)
- Blue (10%)



- Red (19%)
- Yellow (78%)
- Blue (10%)



- Cyan (0%)
- Magenta (10%)
- Yellow (87%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3846, 43.9167, 7.3207 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 39.3846, 43.9167, 7.3207 by changing the saturation by 10% instead.

■ 39.3846, 43.9167,
7.3207

■ 39.3846, 43.9167,
7.3207

334.7020,
362.3682, 180.0333

■ 27.2411, 30.6050,
3.5820

■ 73.5158, 81.0924,
21.1393

■ 17.8919, 20.2983,
1.3989

■ 96.2342, 105.7252,
32.0562

■ 10.9716, 12.6120,
0.1409

■ 123.2084,
134.9005, 46.2030

■ 6.1149, 7.1619,
0.0000

■ 154.8036,
169.0027, 63.9982

■ 2.9564, 3.5636,
0.0000

■ 191.3852,
208.4161, 85.8602

■ 1.1308, 1.4326,
0.0000

■ 233.3185,

■ 0.0506, 0.2405,

253.5253, 112.2078

0.0000

280.9690,
304.7145, 143.4593

■ 0.0000, 0.0000,
0.0000

■ 39.3846, 43.9167,
7.3207

■ 39.3846, 43.9167,
7.3207

■ 38.7870, 42.9568,
6.3968

■ 40.1392, 44.9549,
9.0251

■ 38.6409, 42.7103,
6.2073

■ 41.0789, 46.0777,
11.6707

■ 42.2268, 47.2961,
15.3753

■ 43.6021, 48.6177,
20.2386

■ 45.2213, 50.0493,
26.3490

■ 47.0998, 51.5970,
33.7860

■ 49.2515, 53.2665,
42.6229

■ 51.6892, 55.0630,
52.9273

■ 54.4249, 56.9913,
64.7626

Harmonies

Analogous

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



52.0570, 43.9167, 9.0092



39.3846, 43.9167, 7.3207



29.4637, 43.9167, 11.4652

Triad

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



39.3846, 43.9167, 7.3207



25.4989, 43.9167, 98.8920



66.9718, 43.9167, 80.7796

Complementary

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



39.3846, 43.9167, 7.3207



11.5327, 6.1611, 54.0072

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.



57.0291, 43.9167, 125.3283



39.3846, 43.9167, 7.3207



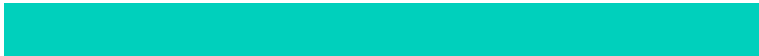
32.8876, 43.9167, 138.8695

Square

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



39.3846, 43.9167, 7.3207



22.5121, 43.9167, 55.0344



44.1906, 43.9167, 150.3622



69.6370, 43.9167, 41.2614

Rectangle

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



39.3846, 43.9167, 7.3207



25.2000, 43.9167, 19.2065



44.1906, 43.9167, 150.3622



64.2869, 43.9167, 96.1502

Sweetspot

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



39.3856, 43.9188, 7.3216



83.7567, 91.6489, 61.2491



24.1138, 12.8923, 3.7196



17.6620, 19.4036, 12.0415



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.



39.3856, 43.9188, 7.3216



68.3079, 75.3957, 10.9526



29.8364, 45.3385, 8.0989



11.4152, 12.1996, 11.3159



25.1696, 27.8565, 4.0503



1.2222, 1.3799, 0.2019

Inverse Universe

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



11.5327, 6.1611, 54.0072



18.5011, 8.1221, 95.2004



14.8871, 7.0134, 53.9949



10.1538, 10.4816, 13.4055



6.8594, 3.1126, 34.9836



0.3587, 0.2151, 1.6678

Previews

White Background



This preview shows how the XYZ color 39.3846, 43.9167, 7.3207 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 39.3846, 43.9167, 7.3207 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 39.3846, 43.9167, 7.3207

Background



This preview shows how black text looks on a background with the XYZ color 39.3846, 43.9167, 7.3207.



This preview shows how white text looks on a background with the XYZ color 39.3846, 43.9167,

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

39.3846, 43.9167, 7.3207

Protanopia

39.7170, 43.7938, 7.2794

Deuteranopia

44.7086, 43.8030, 7.5373



Tritanopia

47.6845, 43.8967, 48.0791

Trichromacy



Original Color

39.3846, 43.9167, 7.3207

Protanomaly

39.4508, 43.6566, 7.2670

Deuteranomaly

42.7184, 43.8949, 7.4494

Tritanomaly

42.7894, 42.9920, 24.4554

Monochromacy



Original Color

39.3846, 43.9167, 7.3207

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.0175, 39.8286, 22.0090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3846, 43.9167, 7.3207 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(198, 178, 25)` looks like.

```
.text, #text, p{  
    color:rgb(198, 178, 25)  
}
```

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(198, 178, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 178, 25) }
```

Border

The CSS property to change the border of an element to XYZ 39.3846, 43.9167, 7.3207 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(198, 178, 25) }
```


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

```
.border{ border-color:rgb(198, 178, 25) }
```

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

Here you see how a box with a 4 pixel rgb(198, 178, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 178, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 178, 25);  
box-shadow:4px 4px 4px 4px rgb(198, 178,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3846, 43.9167, 7.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 178, 25) }
```

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

```
.background{ background-color: rgb(198,  
178, 25) }
```

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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