

Converting Colors

XYZ(43.1157, 40.2657, 6.8060)

Have a look what the booklet for
XYZ(43.1157, 40.2657, 6.8060)
contains.

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Color

**XYZ(43.2147, 40.3999,
6.8166)**

Conversions

Conversions Part 1

Format	Color
Hex	E09E1F
RGB	224, 158, 31
RGB Percent	88%, 62%, 12%
CMY	0.1216, 0.3804, 0.8784
CMYK	0.00, 0.29, 0.86, 0.12
HSL	39°, 76%, 50%
HSV	39°, 86%, 88%
XYZ	43.2147, 40.3999, 6.8166
YIQ	163.2560, 80.1030, -25.5050

Conversions

Conversions Part 2

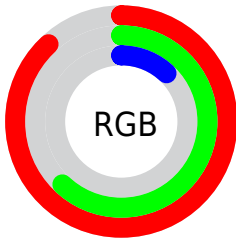
Format	Color
RYB	131, 224, 31
Decimal	14720543
CIELab	69.75, 14.85, 68.44
CIELCh	70, 70.028, 77.759
Yxy	40.3999, 0.4779, 0.4467
Android (android.graphics.Color)	4292910623 (0xFFE09E1F)
YUV	163.2560, -65.2022, 53.2725
Hunter-Lab	63.5609, 10.1295, 38.1341

Details

The XYZ color **43.2147, 40.3999, 6.8166** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **18.2944, 14.2224, 72.3017**, and the grayscale version is **35.2072, 37.0408, 40.3374**.

A 20% lighter version of the original color is **66.6289, 69.0852, 19.4959**, and **20.3620, 18.3019, 2.4594** is the 20% darker color. If you saturate the color by 10%, you get **41.7492, 37.7895, 5.3408**, and if you desaturate by 10%, it is **44.9678, 43.2590, 9.3971**.

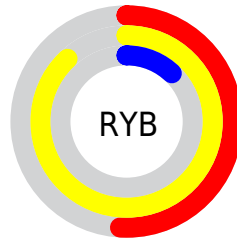
Distribution



Red (88%)

Green (62%)

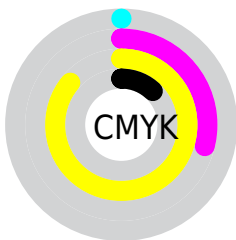
Blue (12%)



Red (51%)

Yellow (88%)

Blue (12%)

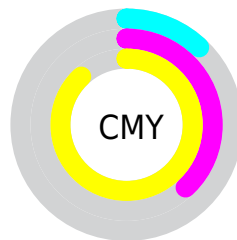


Cyan (0%)

Magenta (29%)

Yellow (86%)

Black (12%)



Cyan (12%)


Magenta (38%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2147, 40.3999, 6.8166 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 43.2147, 40.3999, 6.8166 by changing the saturation by 10% instead.


 43.2147, 40.3999,
6.8166


 43.2147, 40.3999,
6.8166


350.4005,
347.8062, 175.7037


 30.2489, 27.8505,
3.2710


 79.2884, 75.7721,
20.1098


 20.1766, 18.2130,
1.2346


 103.1271, 99.3636,
30.6945

 12.6325, 11.1030,
0.0073


 131.3206,
127.4047, 44.4627

 7.2512, 6.1362,
0.0000

 164.2346,
160.2796, 61.8328

 3.6674, 2.9281,
0.0000

 202.2341,
198.3729, 83.2234

 1.5158, 1.0943,
0.0000

 245.6848,

 0.3365, 0.0000,

242.0688, 109.0530

0.0000

294.9518,
291.7518, 139.7403

■ 0.0000, 0.0000,
0.0000

■ 43.2147, 40.3999,
6.8166

■ 43.2147, 40.3999,
6.8166

■ 41.7492, 37.7895,
5.3408

■ 44.9678, 43.2590,
9.3971

■ 41.2369, 36.8404,
4.9375

■ 47.0441, 46.3783,
13.2745

■ 49.4754, 49.7745,
18.6060

■ 52.2885, 53.4604,
25.5256

■ 55.5072, 57.4477,
34.1517

■ 59.1530, 61.7470,
44.5918

■ 63.2458, 66.3684,
56.9440

■ 67.8041, 71.3213,
71.2997

■ 72.8453, 76.6145,
87.7442

Harmonies

Analogous

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



55.0187, 40.3999, 12.0442



43.2147, 40.3999, 6.8166



32.1193, 40.3999, 7.2758

Triad

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



43.2147, 40.3999, 6.8166



21.1387, 40.3999, 65.9402



56.9285, 40.3999, 100.8067

Complementary

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



43.2147, 40.3999, 6.8166



18.2944, 14.2224, 72.3017

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.



45.4478, 40.3999, 134.4028



43.2147, 40.3999, 6.8166



25.5164, 40.3999, 108.3846

Square

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



43.2147, 40.3999, 6.8166



20.7755, 40.3999, 32.0223



33.9549, 40.3999, 137.7087



63.9202, 40.3999, 58.6167

Rectangle

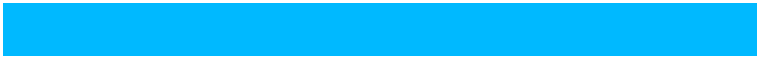
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.2147, 40.3999, 6.8166



26.5251, 40.3999, 10.7673



33.9549, 40.3999, 137.7087



53.3735, 40.3999, 114.2185

Sweetspot

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



43.2156, 40.4019, 6.8174



79.3421, 82.8197, 59.7776



33.4613, 17.7198, 13.3494



16.6030, 17.2858, 11.6885



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.



43.2156, 40.4019, 6.8174



55.2064, 49.1928, 6.5855



49.4216, 65.0188, 11.2418



14.4565, 15.1990, 14.4785



24.1138, 21.6654, 2.9109



1.7536, 1.6661, 0.2292

Inverse Universe

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



18.2944, 14.2224, 72.3017



21.4741, 14.0682, 96.1914



15.8054, 7.3213, 71.1008



13.3333, 14.0057, 17.3883



9.4561, 6.3817, 41.7818



0.7366, 0.6047, 2.9231

Previews

White Background



This preview shows how the XYZ color 43.2147, 40.3999, 6.8166 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 43.2147, 40.3999, 6.8166 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 43.2147, 40.3999, 6.8166

Background



This preview shows how black text looks on a background with the XYZ color 43.2147, 40.3999, 6.8166.



This preview shows how white text looks on a background with the XYZ color 43.2147, 40.3999,

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

43.2147, 40.3999, 6.8166

Protanopia

36.6045, 40.4536, 7.4692

Deuteranopia

41.1543, 40.3716, 6.7220



Tritanopia

49.5603, 40.3250, 37.5191

Trichromacy



Original Color

43.2147, 40.3999, 6.8166

Protanomaly

38.8268, 40.2253, 7.2312

Deuteranomaly

41.8801, 40.4839, 6.7692

Tritanomaly

45.9861, 39.7970, 20.5871

Monochromacy



Original Color

43.2147, 40.3999, 6.8166

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.8470, 37.0418, 21.4801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2147, 40.3999, 6.8166 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(224, 158, 31)` looks like.

```
.text, #text, p{  
    color:rgb(224, 158, 31)  
}
```

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(224, 158, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 158, 31) }
```

Border

The CSS property to change the border of an element to XYZ 43.2147, 40.3999, 6.8166 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(224, 158, 31) }
```


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

```
.border{ border-color:rgb(224, 158, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 158, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 158, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 158, 31);  
box-shadow:4px 4px 4px 4px rgb(224, 158,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2147, 40.3999, 6.8166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 158, 31) }
```

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

```
.background{ background-color: rgb(224,  
158, 31) }
```

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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