

Converting Colors

XYZ(39.2719, 34.3199, 6.9245)

Have a look what the booklet for
XYZ(39.2719, 34.3199, 6.9245)
contains.

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Color

**XYZ(39.1929, 34.2917,
6.9361)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8D2C
RGB	219, 141, 44
RGB Percent	86%, 55%, 17%
CMY	0.1412, 0.4470, 0.8274
CMYK	0.00, 0.36, 0.80, 0.14
HSL	33°, 71%, 52%
HSV	33°, 80%, 86%
XYZ	39.1929, 34.2917, 6.9361
YIQ	153.2640, 77.6250, -13.6310

Conversions

Conversions Part 2

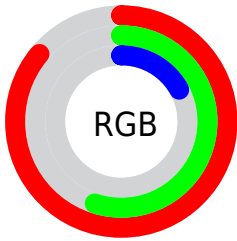
Format	Color
RYB	185, 219, 44
Decimal	14388524
CIELab	65.19, 22.19, 60.11
CIElCh	65, 64.076, 69.743
Yxy	34.2917, 0.4873, 0.4264
Android (android.graphics.Color)	4292578604 (0xFFDB8D2C)
YUV	153.2640, -53.8672, 57.6505
Hunter-Lab	58.5591, 16.9894, 33.9687

Details

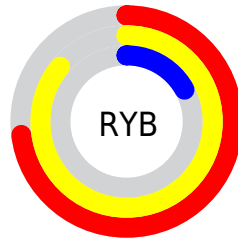
The XYZ color **39.1929, 34.2917, 6.9361** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **20.7839, 19.5680, 69.6988**, and the grayscale version is **30.5981, 32.1916, 35.0567**.

A 20% lighter version of the original color is **62.9128, 61.1533, 19.7972**, and **17.8416, 14.7513, 1.9069** is the 20% darker color. If you saturate the color by 10%, you get **37.5084, 31.4170, 4.8515**, and if you desaturate by 10%, it is **41.2228, 37.5104, 10.2068**.

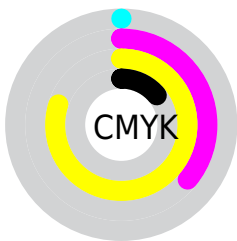
Distribution



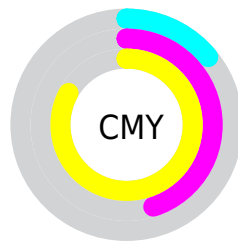
- Red (86%)
- Green (55%)
- Blue (17%)



- Red (73%)
- Yellow (86%)
- Blue (17%)



- Cyan (0%)
- Magenta (36%)
- Yellow (80%)
- Black (14%)





- Cyan (14%)
- Magenta (45%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1929, 34.2917, 6.9361 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 39.1929, 34.2917, 6.9361 by changing the saturation by 10% instead.


 39.1929, 34.2917,
6.9361


 39.1929, 34.2917,
6.9361


333.9030,
321.4308, 176.7424


 27.0912, 23.1178,
3.3443


 73.2251, 66.3870,
20.3552


 17.7787, 14.6805,
1.2730


 95.8863, 88.0772,
31.0197

 10.8899, 8.5955,
0.0395


 122.7981,
114.0416, 44.8787

 6.0596, 4.4783,
0.0000

 154.3258,
144.6647, 62.3509

 2.9224, 1.9445,
0.0000

 190.8348,
180.3307, 83.8549

 1.1128, 0.5749,
0.0000

 232.6904,

 0.0358, 0.0000,

221.4241, 109.8091

0.0000

280.2580,
268.3294, 140.6321

■ 0.0000, 0.0000,
0.0000

■ 39.1929, 34.2917,
6.9361

■ 39.1929, 34.2917,
6.9361

■ 37.5084, 31.4170,
4.8515

■ 41.2228, 37.5104,
10.2068

■ 36.1108, 28.8535,
3.6719

■ 43.6289, 41.0861,
14.8207

■ 36.0987, 28.8309,
3.6623

■ 46.4402, 45.0367,
20.9124

■ 49.6818, 49.3770,
28.5997

■ 53.3765, 54.1205,
37.9881

■ 57.5452, 59.2801,
49.1742

■ 62.2072, 64.8677,
62.2472

■ 67.3809, 70.8949,
77.2903

■ 73.0835, 77.3726,
94.3817

Harmonies

Analogous

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



48.3877, 34.2917, 13.2150



39.1929, 34.2917, 6.9361



29.6566, 34.2917, 6.1741

Triad

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



39.1929, 34.2917, 6.9361



17.9414, 34.2917, 46.7037



45.4311, 34.2917, 92.2645

Complementary

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



39.1929, 34.2917, 6.9361



20.7839, 19.5680, 69.6988

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.



35.7176, 34.2917, 114.0935



39.1929, 34.2917, 6.9361



20.6747, 34.2917, 80.6463

Square

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



39.1929, 34.2917, 6.9361



18.5177, 34.2917, 22.2507



26.7794, 34.2917, 109.0491



52.4384, 34.2917, 58.0516

Rectangle

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



39.1929, 34.2917, 6.9361



24.4940, 34.2917, 8.1693



26.7794, 34.2917, 109.0491



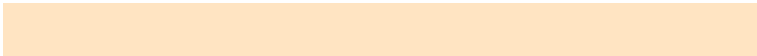
42.3059, 34.2917, 101.8904

Sweetspot

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



39.1937, 34.2935, 6.9367



78.6227, 80.4813, 62.3118



33.6736, 18.2854, 20.4120



16.3817, 16.6711, 12.1449



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.



39.1937, 34.2935, 6.9367



51.5589, 41.8084, 5.6453



52.4354, 64.5827, 12.0852



13.6515, 14.2424, 13.7551



21.5159, 17.3173, 2.2086



1.4794, 1.2929, 0.1716

Inverse Universe

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



20.7839, 19.5680, 69.6988



24.8106, 20.5517, 97.2670



15.1421, 7.6662, 67.6989



12.8140, 13.5678, 16.5956



10.2552, 8.3799, 40.8154



0.7495, 0.7131, 2.6726

Previews

White Background



This preview shows how the XYZ color 39.1929, 34.2917, 6.9361 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 39.1929, 34.2917, 6.9361 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 39.1929, 34.2917, 6.9361

Background



This preview shows how black text looks on a background with the XYZ color 39.1929, 34.2917, 6.9361.



This preview shows how white text looks on a background with the XYZ color 39.1929, 34.2917,

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

39.1929, 34.2917, 6.9361

Protanopia

31.3126, 34.4830, 7.9113

Deuteranopia

35.0028, 34.4285, 6.8080



Tritanopia

43.7995, 34.2729, 29.5062

Trichromacy



Original Color

39.1929, 34.2917, 6.9361

Protanomaly

33.7336, 33.9992, 7.4739

Deuteranomaly

36.2876, 34.1493, 6.7767

Tritanomaly

41.3897, 33.8981, 17.9972

Monochromacy



Original Color

39.1929, 34.2917, 6.9361

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.8595, 32.0343, 20.1268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1929, 34.2917, 6.9361 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(219, 141, 44)` looks like.

```
.text, #text, p{  
    color:rgb(219, 141, 44)  
}
```

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(219, 141, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 141, 44) }
```

Border

The CSS property to change the border of an element to XYZ 39.1929, 34.2917, 6.9361 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(219, 141, 44) }
```


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

```
.border{ border-color:rgb(219, 141, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 141, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 141, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 141, 44);  
box-shadow:4px 4px 4px 4px rgb(219, 141,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1929, 34.2917, 6.9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 141, 44) }
```

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

```
.background{ background-color: rgb(219,  
141, 44) }
```

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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