

Converting Colors

XYZ(39.6856, 35.9016, 6.5966)

Have a look what the booklet for
XYZ(39.6856, 35.9016, 6.5966)
contains.

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Color

**XYZ(39.6811, 35.9064,
6.5895)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9325
RGB	218, 147, 37
RGB Percent	85%, 58%, 15%
CMY	0.1451, 0.4235, 0.8549
CMYK	0.00, 0.33, 0.83, 0.15
HSL	36°, 71%, 50%
HSV	36°, 83%, 85%
XYZ	39.6811, 35.9064, 6.5895
YIQ	155.6890, 77.6260, -19.1580

Conversions

Conversions Part 2

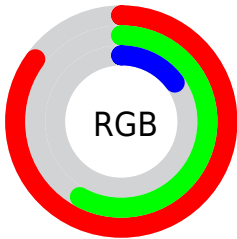
Format	Color
RYB	154, 218, 37
Decimal	14324517
CIELab	66.45, 18.32, 63.63
CIElCh	66, 66.213, 73.942
Yxy	35.9064, 0.4829, 0.4369
Android (android.graphics.Color)	4292514597 (0xFFDA9325)
YUV	155.6890, -58.5137, 54.6467
Hunter-Lab	59.9219, 13.3416, 35.4254

Details

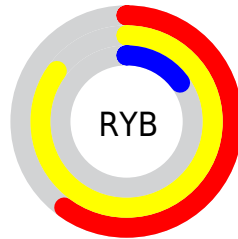
The XYZ color **39.6811, 35.9064, 6.5895** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **18.7803, 16.1800, 68.4625**, and the grayscale version is **31.6905, 33.3409, 36.3082**.

A 20% lighter version of the original color is **64.1024, 63.8236, 19.2966**, and **18.2834, 15.6348, 2.0542** is the 20% darker color. If you saturate the color by 10%, you get **38.1549, 33.2483, 4.8662**, and if you desaturate by 10%, it is **41.5118, 38.8475, 9.4216**.

Distribution



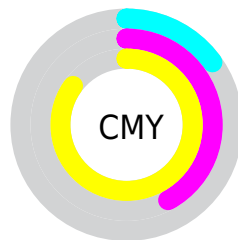
- Red (85%)
- Green (58%)
- Blue (15%)



- Red (60%)
- Yellow (85%)
- Blue (15%)



- Cyan (0%)
- Magenta (33%)
- Yellow (83%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6811, 35.9064, 6.5895 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 39.6811, 35.9064, 6.5895 by changing the saturation by 10% instead.


 39.6811, 35.9064,
6.5895


 39.6811, 35.9064,
6.5895

335.9351,
328.5513, 173.7072


 27.4731, 24.3619,
3.1322

 73.9651, 68.8876,
19.6411


 18.0673, 15.6023,
1.1625


 96.7718, 91.0930,
30.0725


 11.0983, 9.2432,
0.0000


 123.8421,
117.6210, 43.6657

 6.2008, 4.9001,
0.0000

 155.5414,
148.8558, 60.8392

 3.0094, 2.1888,
0.0000

 192.2349,
185.1818, 82.0116

 1.1587, 0.7139,
0.0000

 234.2882,

 0.0734, 0.0000,

226.9834, 107.6013

0.0000

282.0665,
274.6451, 138.0270

■ 0.0000, 0.0000,
0.0000

■ 39.6811, 35.9064,
6.5895

■ 39.6811, 35.9064,
6.5895

■ 38.1549, 33.2483,
4.8662

■ 41.5118, 38.8475,
9.4216

■ 37.2313, 31.5414,
4.1258

■ 43.6784, 42.0829,
13.5278

■ 46.2098, 45.6290,
19.0476

■ 49.1307, 49.4987,
26.1014

■ 52.4634, 53.7038,
34.7967

■ 56.2281, 58.2556,
45.2312

■ 60.4436, 63.1644,
57.4950

■ 65.1275, 68.4400,
71.6717

■ 70.2962, 74.0918,
87.8399

Harmonies

Analogous

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



49.7884, 35.9064, 12.1188



39.6811, 35.9064, 6.5895



29.7351, 35.9064, 6.4315

Triad

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



39.6811, 35.9064, 6.5895



18.7602, 35.9064, 53.7915



49.1505, 35.9064, 93.1012

Complementary

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



39.6811, 35.9064, 6.5895



18.7803, 16.1800, 68.4625

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.



38.9335, 35.9064, 119.6998



39.6811, 35.9064, 6.5895



22.1529, 35.9064, 90.5805

Square

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



39.6811, 35.9064, 6.5895



18.8828, 35.9064, 25.8477



29.1187, 35.9064, 118.6023



55.9376, 35.9064, 56.2382

Rectangle

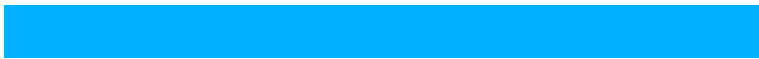
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.6811, 35.9064, 6.5895



24.5465, 35.9064, 9.0311



29.1187, 35.9064, 118.6023



45.9255, 35.9064, 104.1880

Sweetspot

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



39.6819, 35.9082, 6.5902



78.9669, 81.6233, 61.0275



32.3570, 17.3416, 16.2237



16.4899, 16.9743, 11.9136



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.



39.6819, 35.9082, 6.5902



52.9578, 44.6956, 5.8359



49.1979, 62.5417, 11.2294



13.7112, 14.3618, 13.7750



22.4131, 19.1118, 2.5076



1.5350, 1.4041, 0.1901

Inverse Universe

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



18.7803, 16.1800, 68.4625



22.6092, 16.3384, 96.5697



14.8978, 7.2005, 66.9339



12.7555, 13.4508, 16.5761



9.6496, 7.1686, 40.6135



0.7075, 0.6292, 2.6586

Previews

White Background



This preview shows how the XYZ color 39.6811, 35.9064, 6.5895 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 39.6811, 35.9064, 6.5895 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 39.6811, 35.9064, 6.5895

Background



This preview shows how black text looks on a background with the XYZ color 39.6811, 35.9064, 6.5895.



This preview shows how white text looks on a background with the XYZ color 39.6811, 35.9064,

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

39.6811, 35.9064, 6.5895

Protanopia

32.6120, 35.9458, 7.3172

Deuteranopia

36.7462, 36.0641, 6.5377



Tritanopia

44.9526, 35.8452, 32.1533

Trichromacy



Original Color

39.6811, 35.9064, 6.5895

Protanomaly

34.9457, 35.8692, 7.0891

Deuteranomaly

37.6645, 35.8099, 6.5170

Tritanomaly

42.3029, 35.6409, 18.5597

Monochromacy



Original Color

39.6811, 35.9064, 6.5895

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.9623, 33.5584, 20.3629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6811, 35.9064, 6.5895 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(218, 147, 37)` looks like.

```
.text, #text, p{  
    color:rgb(218, 147, 37)  
}
```

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(218, 147, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 147, 37) }
```

Border

The CSS property to change the border of an element to XYZ 39.6811, 35.9064, 6.5895 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(218, 147, 37) }
```


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

```
.border{ border-color:rgb(218, 147, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 147, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 147, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 147, 37);  
box-shadow:4px 4px 4px 4px rgb(218, 147,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6811, 35.9064, 6.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 147, 37) }
```

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

```
.background{ background-color: rgb(218,  
147, 37) }
```

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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