

Converting Colors

XYZ(41.4196, 36.5652, 6.9726)

Have a look what the booklet for
XYZ(41.4196, 36.5652, 6.9726)
contains.

XYZ(41.4196, 36.5652, 6.9726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.4196, 36.5652,
6.9726)**

Conversions

Conversions Part 1

Format	Color
Hex	E09229
RGB	224, 146, 41
RGB Percent	88%, 57%, 16%
CMY	0.1216, 0.4274, 0.8392
CMYK	0.00, 0.35, 0.82, 0.12
HSL	34°, 75%, 52%
HSV	34°, 82%, 88%
XYZ	41.4196, 36.5652, 6.9726
YIQ	157.3520, 80.1930, -16.1190

Conversions

Conversions Part 2

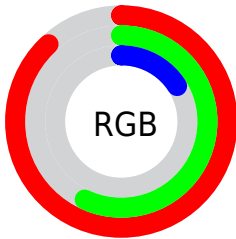
Format	Color
RYB	177, 224, 41
Decimal	14717481
CIELab	66.95, 21.53, 63.00
CIELCh	67, 66.580, 71.129
Yxy	36.5652, 0.4875, 0.4304
Android (android.graphics.Color)	4292907561 (0xFFE09229)
YUV	157.3520, -57.3615, 58.4503
Hunter-Lab	60.4692, 16.4462, 35.4918

Details

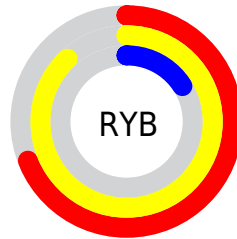
The XYZ color **41.4196, 36.5652, 6.9726** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **20.9655, 19.0462, 73.0917**, and the grayscale version is **32.4329, 34.1219, 37.1587**.

A 20% lighter version of the original color is **64.0056, 63.4131, 19.9328**, and **19.1965, 15.9709, 2.0709** is the 20% darker color. If you saturate the color by 10%, you get **39.7234, 33.6309, 4.9963**, and if you desaturate by 10%, it is **43.4624, 39.8379, 10.1608**.

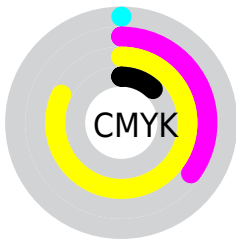
Distribution



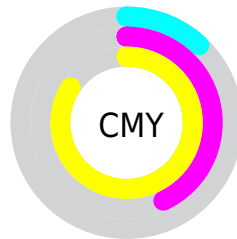
- Red (88%)
- Green (57%)
- Blue (16%)



- Red (69%)
- Yellow (88%)
- Blue (16%)



- Cyan (0%)
- Magenta (35%)
- Yellow (82%)
- Black (12%)





- Cyan (12%)
- Magenta (43%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4196, 36.5652, 6.9726 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 41.4196, 36.5652, 6.9726 by changing the saturation by 10% instead.


 41.4196, 36.5652,
6.9726


 41.4196, 36.5652,
6.9726


343.1040,
331.4242, 177.0581

 28.8362, 24.8710,
3.3668


 76.5911, 69.9036,
20.4300

 19.1006, 15.9810,
1.2848


 99.9100, 92.3165,
31.1187

 11.8474, 9.5107,
0.0493


 127.5381,
119.0712, 45.0053

 6.7113, 5.0758,
0.0000

 159.8407,
150.5520, 62.5086

 3.3270, 2.2918,
0.0000

 197.1833,
187.1433, 84.0470

 1.3289, 0.7694,
0.0000

 239.9311,

 0.2047, 0.0000,

229.2295, 110.0390

0.0000

288.4496,
277.1950, 140.9032

■ 0.0000, 0.0000,
0.0000

■ 41.4196, 36.5652,
6.9726

■ 41.4196, 36.5652,
6.9726

■ 39.7234, 33.6309,
4.9963

■ 43.4624, 39.8379,
10.1608

■ 38.5288, 31.4243,
4.0348

■ 45.8853, 43.4624,
14.7334

■ 48.7193, 47.4570,
20.8367

■ 51.9910, 51.8368,
28.5976

■ 55.7245, 56.6155,
38.1296

■ 59.9418, 61.8061,
49.5362

■ 64.6633, 67.4207,
62.9129

■ 69.9082, 73.4707,
78.3484

■ 75.6945, 79.9672,
95.9262

Harmonies

Analogous

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



51.5254, 36.5652, 13.2957



41.4196, 36.5652, 6.9726



31.1397, 36.5652, 6.3819

Triad

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



41.4196, 36.5652, 6.9726



18.9727, 36.5652, 51.5390



49.1526, 36.5652, 98.0989

Complementary

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



41.4196, 36.5652, 6.9726



20.9655, 19.0462, 73.0917

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.



38.6379, 36.5652, 123.0872



41.4196, 36.5652, 6.9726



22.0853, 36.5652, 88.7293

Square

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



41.4196, 36.5652, 6.9726



19.4295, 36.5652, 24.4009



28.8451, 36.5652, 119.0093



56.5531, 36.5652, 60.6417

Rectangle

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



41.4196, 36.5652, 6.9726



25.6524, 36.5652, 8.6642



28.8451, 36.5652, 119.0093



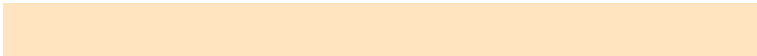
45.7884, 36.5652, 108.8976

Sweetspot

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



41.4204, 36.5671, 6.9733



78.3681, 80.4257, 60.8279



34.9418, 18.7968, 19.6521



16.3468, 16.6881, 11.8659



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.



41.4204, 36.5671, 6.9733



51.9352, 42.6058, 5.6329



54.1494, 67.4383, 12.2611



14.3569, 14.9998, 14.4453



22.5430, 18.5239, 2.3873



1.6508, 1.4605, 0.1949

Inverse Universe

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



20.9655, 19.0462, 73.0917



23.8648, 18.7549, 96.9700



15.7265, 7.7304, 71.1836



13.4299, 14.1989, 17.4205



10.3469, 8.1634, 42.0787



0.8046, 0.7407, 2.9458

Previews

White Background



This preview shows how the XYZ color 41.4196, 36.5652, 6.9726 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 41.4196, 36.5652, 6.9726 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 41.4196, 36.5652, 6.9726

Background



This preview shows how black text looks on a background with the XYZ color 41.4196, 36.5652, 6.9726.



This preview shows how white text looks on a background with the XYZ color 41.4196, 36.5652,

6.9726.

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

41.4196, 36.5652, 6.9726

Protanopia

33.2970, 36.8155, 7.9359

Deuteranopia

37.5089, 36.6981, 6.8568



Tritanopia

46.6256, 36.5066, 31.7832

Trichromacy



Original Color

41.4196, 36.5652, 6.9726

Protanomaly

35.8003, 36.3016, 7.5029

Deuteranomaly

39.0187, 36.7425, 6.8692

Tritanomaly

44.0798, 36.3329, 18.8770

Monochromacy



Original Color

41.4196, 36.5652, 6.9726

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.5418, 33.8440, 20.9844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4196, 36.5652, 6.9726 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, 146, 41)` looks like.

```
.text, #text, p{  
    color:rgb(224, 146, 41)  
}
```

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, 146, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 146, 41) }
```

Border

The CSS property to change the border of an element to XYZ 41.4196, 36.5652, 6.9726 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, 146, 41) }
```


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

```
.border{ border-color:rgb(224, 146, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 146, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 146, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 146, 41);  
box-shadow:4px 4px 4px 4px rgb(224, 146,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4196, 36.5652, 6.9726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 146, 41) }
```

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

```
.background{ background-color: rgb(224,  
146, 41) }
```

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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