

Converting Colors

XYZ(41.5228, 34.3615, 9.9224)

Have a look what the booklet for
XYZ(41.5228, 34.3615, 9.9224)
contains.

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Color

**XYZ(41.5261, 34.3566,
9.9117)**

Conversions

Conversions Part 1

Format	Color
Hex	E38844
RGB	227, 136, 68
RGB Percent	89%, 53%, 27%
CMY	0.1098, 0.4666, 0.7333
CMYK	0.00, 0.40, 0.70, 0.11
HSL	26°, 74%, 58%
HSV	26°, 70%, 89%
XYZ	41.5261, 34.3566, 9.9117
YIQ	155.4570, 76.0640, -1.8560

Conversions

Conversions Part 2

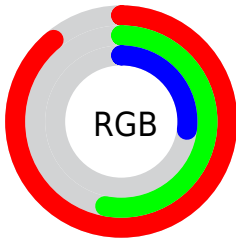
Format	Color
R _Y B	227, 187, 68
Decimal	14911556
CIE Lab	65.24, 29.21, 50.11
CIE LCh	65, 57.999, 59.762
Yxy	34.3566, 0.4840, 0.4005
Android (android.graphics.Color)	4293101636 (0xFFE38844)
YUV	155.4570, -43.1163, 62.7432
Hunter-Lab	58.6145, 23.8849, 31.0042

Details

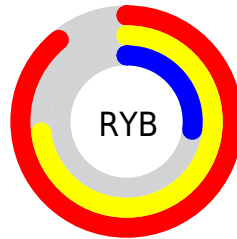
The XYZ color **41.5261, 34.3566, 9.9117** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **28.6463, 31.5695, 77.2562**, and the grayscale version is **31.5211, 33.1626, 36.1141**.

A 20% lighter version of the original color is **62.9832, 59.4188, 25.6022**, and **19.0679, 14.6414, 2.3113** is the 20% darker color. If you saturate the color by 10%, you get **39.2427, 30.6924, 6.3692**, and if you desaturate by 10%, it is **44.3009, 38.5751, 14.9411**.

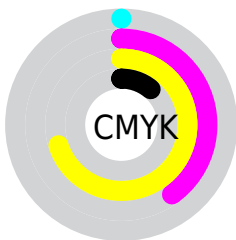
Distribution



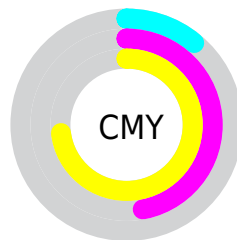
- Red (89%)
- Green (53%)
- Blue (27%)



- Red (89%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (70%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5261, 34.3566, 9.9117 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 41.5261, 34.3566, 9.9117 by changing the saturation by 10% instead.

41.5261, 34.3566,
9.9117

41.5261, 34.3566,
9.9117

343.5398,
321.7192, 200.5026

28.9199, 23.1677,
5.2356

76.7516, 66.4878,
26.2345

19.1642, 14.7174,
2.3250

100.1015, 88.1989,
38.7183

11.8937, 8.6213,
0.7452

127.7634,
114.1862, 54.6417

6.7430, 4.4950,
0.0000

160.1027,
144.8341, 74.4234

3.3468, 1.9541,
0.0000

197.4846,
180.5269, 98.4817

1.3397, 0.5806,
0.0000

240.2745,

0.2126, 0.0000,

221.6491, 127.2353

0.0000

288.8378,
268.5851, 161.1028

■ 0.0000, 0.0000,
0.0000

■ 41.5261, 34.3566,
9.9117

■ 41.5261, 34.3566,
9.9117

■ 39.2427, 30.6924,
6.3692

■ 44.3009, 38.5751,
14.9411

■ 37.4076, 27.5483,
4.1356


■ 47.6000, 43.3688,
21.6040


■ 35.9613, 24.8968,
2.9102

■ 51.4555, 48.7633,
30.0308


■ 55.8961, 54.7810,
40.3386

■ 60.9481, 61.4430,
52.6339

 66.6362, 68.7692,
67.0154

 72.9835, 76.7786,
83.5751

 80.0120, 85.4895,
102.3994

 84.8300, 93.7542,
108.2331

Harmonies

Analogous

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



48.8618, 34.3566, 18.7583



41.5261, 34.3566, 9.9117



32.7223, 34.3566, 7.5258

Triad

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



41.5261, 34.3566, 9.9117



18.9688, 34.3566, 37.2160



41.3894, 34.3566, 93.9824

Complementary

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



41.5261, 34.3566, 9.9117



28.6463, 31.5695, 77.2562

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.



32.5876, 34.3566, 105.7703



41.5261, 34.3566, 9.9117



20.4981, 34.3566, 65.5407

Square

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



41.5261, 34.3566, 9.9117



20.5475, 34.3566, 18.5482



25.1467, 34.3566, 93.6265



48.7738, 34.3566, 66.0273

Rectangle

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



41.5261, 34.3566, 9.9117



27.4704, 34.3566, 8.5050



25.1467, 34.3566, 93.6265



38.4538, 34.3566, 100.3927

Sweetspot

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



41.5269, 34.3584, 9.9123



78.5865, 79.0000, 66.6429



40.1566, 23.0297, 35.9317



16.4174, 16.3806, 13.2725



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.



41.5269, 34.3584, 9.9123



49.9445, 38.0341, 6.7885



56.7050, 64.7146, 14.9717



14.8813, 15.3765, 15.0881



21.0834, 14.7409, 1.7341



1.6486, 1.2705, 0.1583

Inverse Universe

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



28.6463, 31.5695, 77.2562



32.1221, 34.0185, 99.4810



19.2103, 12.6974, 74.1109



14.2642, 15.2497, 18.3360



12.8527, 12.7675, 44.1701



1.0415, 1.1269, 3.2946

Previews

White Background



This preview shows how the XYZ color 41.5261, 34.3566, 9.9117 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 41.5261, 34.3566, 9.9117 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 41.5261, 34.3566, 9.9117

Background



This preview shows how black text looks on a background with the XYZ color 41.5261, 34.3566, 9.9117.



This preview shows how white text looks on a background with the XYZ color 41.5261, 34.3566,

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

41.5261, 34.3566, 9.9117

Protanopia

31.5726, 34.5344, 11.6584

Deuteranopia

35.0180, 34.3737, 9.6396



Tritanopia

45.2616, 34.2622, 28.2725

Trichromacy



Original Color

41.5261, 34.3566, 9.9117

Protanomaly

34.7420, 34.2032, 10.9017

Deuteranomaly

37.2454, 34.3493, 9.6681

Tritanomaly

43.7301, 34.2478, 19.9285

Monochromacy



Original Color

41.5261, 34.3566, 9.9117

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.2211, 32.4336, 23.2483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5261, 34.3566, 9.9117 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(227, 136, 68)` looks like.

```
.text, #text, p{  
    color:rgb(227, 136, 68)  
}
```

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(227, 136, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 136, 68) }
```

Border

The CSS property to change the border of an element to XYZ 41.5261, 34.3566, 9.9117 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(227, 136, 68) }
```


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

```
.border{ border-color:rgb(227, 136, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 136, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 136, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 136, 68);  
box-shadow:4px 4px 4px 4px rgb(227, 136,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5261, 34.3566, 9.9117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 136, 68) }
```

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

```
.background{ background-color: rgb(227,  
136, 68) }
```

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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