

Converting Colors

XYZ(40.9140, 34.0438, 6.9240)

Have a look what the booklet for
XYZ(40.9140, 34.0438, 6.9240)
contains.

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Color

**XYZ(40.9564, 34.1287,
6.9115)**

Conversions

Conversions Part 1

Format	Color
Hex	E3882D
RGB	227, 136, 45
RGB Percent	89%, 53%, 18%
CMY	0.1098, 0.4666, 0.8235
CMYK	0.00, 0.40, 0.80, 0.11
HSL	30°, 76%, 53%
HSV	30°, 80%, 89%
XYZ	40.9564, 34.1287, 6.9115
YIQ	152.8350, 83.4470, -9.0090

Conversions

Conversions Part 2

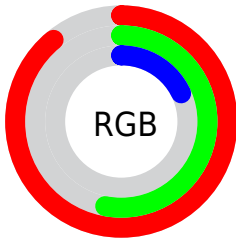
Format	Color
R _{YB}	227, 227, 45
Decimal	14911533
CIE Lab	65.06, 28.24, 59.99
CIE LCh	65, 66.301, 64.789
Yxy	34.1287, 0.4995, 0.4162
Android (android.graphics.Color)	4293101613 (0xFFE3882D)
YUV	152.8350, -53.1627, 65.0427
Hunter-Lab	58.4198, 22.9065, 33.8794

Details

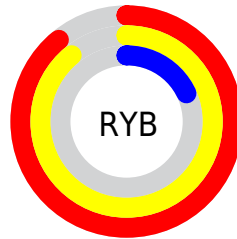
The XYZ color **40.9564, 34.1287, 6.9115** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **23.7509, 23.7111, 75.9975**, and the grayscale version is **30.4060, 31.9895, 34.8365**.

A 20% lighter version of the original color is **61.8581, 58.9688, 19.6771**, and **18.9744, 14.6040, 1.8188** is the 20% darker color. If you saturate the color by 10%, you get **39.1164, 30.9705, 4.6907**, and if you desaturate by 10%, it is **43.2019, 37.7229, 10.4257**.

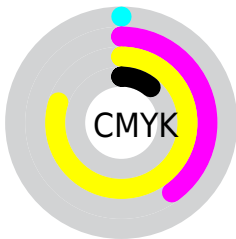
Distribution



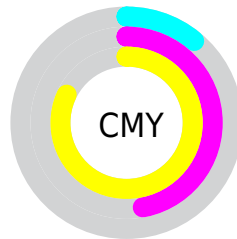
- Red (89%)
- Green (53%)
- Blue (18%)



- Red (89%)
- Yellow (89%)
- Blue (18%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (11%)





- Cyan (11%)
- Magenta (47%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9564, 34.1287, 6.9115 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 40.9564, 34.1287, 6.9115 by changing the saturation by 10% instead.


 40.9564, 34.1287,
6.9115


 40.9564, 34.1287,
6.9115


341.2041,
320.7055, 176.5292

 28.4725, 22.9925,
3.3292

 75.8928, 66.1338,
20.3048

 18.8244, 14.5880,
1.2651


 99.0761, 87.7714,
30.9528

 11.6467, 8.5307,
0.0329


 126.5566,
113.6783, 44.7932

 6.5741, 4.4364,
0.0000

 158.6996,
144.2388, 62.2445

 3.2411, 1.9205,
0.0000

 195.8705,
179.8375, 83.7252

 1.2825, 0.5607,
0.0000

 238.4346,

 0.1701, 0.0000,

220.8585, 109.6539

0.0000

286.7573,
267.6864, 140.4490

■ 0.0000, 0.0000,
0.0000

■ 40.9564, 34.1287,
6.9115

■ 40.9564, 34.1287,
6.9115

■ 39.1164, 30.9705,
4.6907

■ 43.2019, 37.7229,
10.4257

■ 37.6401, 28.2544,
3.4698

■ 45.8885, 41.7709,
15.4071

■ 49.0497, 46.2953,
22.0039

■ 52.7144, 51.3150,
30.3457

■ 56.9087, 56.8477,
40.5485

■ 61.6569, 62.9098,
52.7184

■ 66.9814, 69.5170,
66.9535

■ 72.9034, 76.6843,
83.3450

■ 79.4428, 84.4259,
101.9790

Harmonies

Analogous

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



50.0889, 34.1287, 14.4172



40.9564, 34.1287, 6.9115



30.9210, 34.1287, 5.4479

Triad

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



40.9564, 34.1287, 6.9115



17.2976, 34.1287, 41.7527



44.1555, 34.1287, 99.7076

Complementary

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



40.9564, 34.1287, 6.9115



23.7509, 23.7111, 75.9975

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.



34.0045, 34.1287, 118.6951



40.9564, 34.1287, 6.9115



19.5140, 34.1287, 76.2363

Square

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



40.9564, 34.1287, 6.9115



18.4359, 34.1287, 18.8797



25.1916, 34.1287, 108.4782



52.1768, 34.1287, 64.5439

Rectangle

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



40.9564, 34.1287, 6.9115



25.2958, 34.1287, 6.8580



25.1916, 34.1287, 108.4782



40.8127, 34.1287, 108.8146

Sweetspot

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



40.9572, 34.1305, 6.9121



77.7189, 78.6736, 62.0105



37.0609, 19.9854, 25.1973



16.1650, 16.2379, 12.0727



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.



40.9572, 34.1305, 6.9121



49.6297, 37.9501, 5.0022



59.6210, 71.4581, 13.1334



14.9694, 15.5527, 15.1175



22.0687, 16.7116, 2.0625



1.7237, 1.4207, 0.1834

Inverse Universe

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



23.7509, 23.7111, 75.9975



26.5095, 23.9496, 97.8333



15.8859, 7.9810, 73.3758



14.1752, 15.0718, 18.3064



11.6790, 10.4200, 43.7789



0.9559, 0.9558, 3.2661

Previews

White Background



This preview shows how the XYZ color 40.9564, 34.1287, 6.9115 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 40.9564, 34.1287, 6.9115 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 40.9564, 34.1287, 6.9115

Background



This preview shows how black text looks on a background with the XYZ color 40.9564, 34.1287, 6.9115.



This preview shows how white text looks on a background with the XYZ color 40.9564, 34.1287,

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

40.9564, 34.1287, 6.9115

Protanopia

31.1271, 34.3824, 8.1279

Deuteranopia

34.8257, 34.1013, 6.6661



Tritanopia

45.3120, 34.1121, 27.4886

Trichromacy



Original Color

40.9564, 34.1287, 6.9115

Protanomaly

34.1267, 33.9571, 7.6614

Deuteranomaly

36.8201, 33.9662, 6.7133

Tritanomaly

43.0639, 33.7675, 17.0800

Monochromacy



Original Color

40.9564, 34.1287, 6.9115

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.2934, 31.7856, 20.3528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9564, 34.1287, 6.9115 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, 45)` looks like.

```
.text, #text, p{  
    color:rgb(227, 136, 45)  
}
```

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, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 136, 45) }
```

Border

The CSS property to change the border of an element to XYZ 40.9564, 34.1287, 6.9115 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, 45) }
```


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

```
.border{ border-color:rgb(227, 136, 45) }
```

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, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 136, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 136, 45);  
box-shadow:4px 4px 4px 4px rgb(227, 136,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9564, 34.1287, 6.9115 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, 45) }
```

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

```
.background{ background-color: rgb(227,  
136, 45) }
```

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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