

Converting Colors

XYZ(41.3583, 33.9775, 11.2723)

Have a look what the booklet for
XYZ(41.3583, 33.9775, 11.2723)
contains.

XYZ(41.3325, 34.0185, 11.2252)	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(41.3325, 34.0185,
11.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	E2874C
RGB	226, 135, 76
RGB Percent	89%, 53%, 30%
CMY	0.1137, 0.4706, 0.7020
CMYK	0.00, 0.40, 0.66, 0.11
HSL	24°, 72%, 59%
HSV	24°, 66%, 89%
XYZ	41.3325, 34.0185, 11.2252
YIQ	155.4830, 73.1750, 0.9430

Conversions

Conversions Part 2

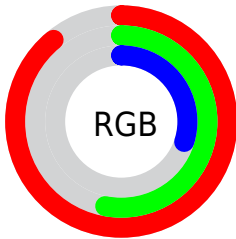
Format	Color
R _Y B	226, 173, 76
Decimal	14845772
CIE Lab	64.98, 29.77, 45.84
CIE LCh	65, 54.655, 56.997
Yxy	34.0185, 0.4774, 0.3929
Android (android.graphics.Color)	4293035852 (0xFFE2874C)
YUV	155.4830, -39.1851, 61.8434
Hunter-Lab	58.3254, 24.4253, 29.4169

Details

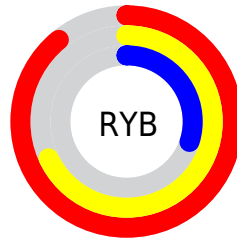
The XYZ color **41.3325, 34.0185, 11.2252** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **30.5257, 34.6629, 77.0328**, and the grayscale version is **31.5166, 33.1579, 36.1089**.

A 20% lighter version of the original color is **63.2684, 59.1875, 28.1684**, and **19.0940, 14.5268, 2.8345** is the 20% darker color. If you saturate the color by 10%, you get **38.8892, 30.1764, 7.1917**, and if you desaturate by 10%, it is **44.2996, 38.4671, 16.7948**.

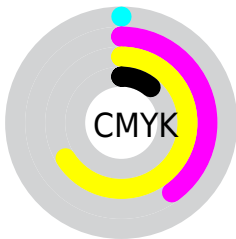
Distribution



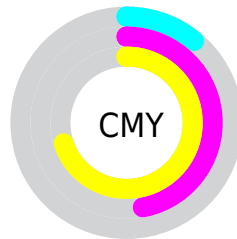
- Red (89%)
- Green (53%)
- Blue (30%)



- Red (89%)
- Yellow (68%)
- Blue (30%)



- Cyan (0%)
- Magenta (40%)
- Yellow (66%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3325, 34.0185, 11.2252 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 41.3325, 34.0185, 11.2252 by changing the saturation by 10% instead.

41.3325, 34.0185,
11.2252

41.3325, 34.0185,
11.2252

342.7473,
320.2145, 209.9987

28.7678, 22.9078,
6.1024

76.4599, 65.9624,
28.7188

19.0486, 14.5255,
2.8377

99.7533, 87.5645,
41.9268

11.8096, 8.4870,
1.0124

127.3537,
113.4324, 58.6669

6.6855, 4.4081,
0.0000

159.6264,
143.9507, 79.3577

3.3108, 1.9044,
0.0000

196.9367,
179.5036, 104.4178

1.3201, 0.5510,
0.0000

239.6501,

0.1982, 0.0000,

220.4756, 134.2656

0.0000

288.1318,
267.2511, 169.3197

■ 0.0000, 0.0000,
0.0000

■ 41.3325, 34.0185,
11.2252

■ 41.3325, 34.0185,
11.2252

■ 38.8892, 30.1764,
7.1917

■ 44.2996, 38.4671,
16.7948

■ 36.9277, 26.9048,
4.5295

■ 47.8229, 43.5451,
24.0385

■ 35.4006, 24.1702,
3.0350

■ 51.9347, 49.2802,
33.0808

■ 34.9281, 23.2971,
2.6559

■ 56.6637, 55.6966,
44.0337

■ 62.0366, 62.8175,
57.0001

■ 68.0785, 70.6645,
72.0754

■ 74.8129, 79.2584,
89.3488

■ 81.9709, 88.5027,
107.3701

■ 85.1738, 94.9087,
108.4378

Harmonies

Analogous

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



47.8437, 34.0185, 20.5947



41.3325, 34.0185, 11.2252



33.1358, 34.0185, 8.3690

Triad

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



41.3325, 34.0185, 11.2252



19.4135, 34.0185, 34.8079



39.7303, 34.0185, 90.8927

Complementary

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



41.3325, 34.0185, 11.2252



30.5257, 34.6629, 77.0328

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.



31.5444, 34.0185, 99.6767



41.3325, 34.0185, 11.2252



20.6001, 34.0185, 60.5043

Square

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



41.3325, 34.0185, 11.2252



21.1949, 34.0185, 18.0395



24.7459, 34.0185, 86.8095



46.8179, 34.0185, 66.1456

Rectangle

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



41.3325, 34.0185, 11.2252



28.0936, 34.0185, 9.0704



24.7459, 34.0185, 86.8095



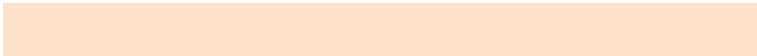
36.9801, 34.0185, 96.1583

Sweetspot

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



41.3333, 34.0203, 11.2258



78.8114, 78.9643, 68.2146



41.0630, 24.1836, 39.7942



16.4420, 16.3356, 13.5713



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.



41.3333, 34.0203, 11.2258



49.9872, 37.7983, 7.7932



55.3463, 62.0462, 15.8968



14.1473, 14.5806, 14.3755



20.0345, 13.5069, 1.5512



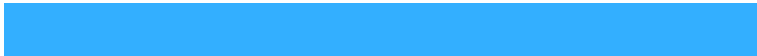
1.4741, 1.1071, 0.1360

Inverse Universe

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



30.5257, 34.6629, 77.0328



34.6970, 38.4873, 100.2078



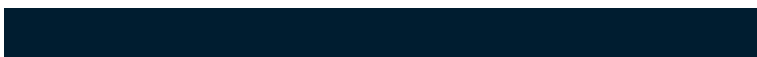
20.6665, 14.9445, 73.7464



13.6404, 14.6200, 17.4907



13.0617, 13.5930, 42.9837



0.9918, 1.1152, 3.0082

Previews

White Background



This preview shows how the XYZ color 41.3325, 34.0185, 11.2252 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 41.3325, 34.0185, 11.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

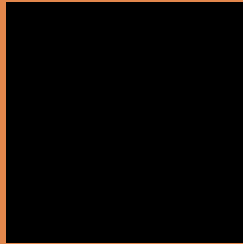
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3325, 34.0185, 11.2252

Background



This preview shows how black text looks on a background with the XYZ color 41.3325, 34.0185, 11.2252.



This preview shows how white text looks on a background with the XYZ color 41.3325, 34.0185,

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

41.3325, 34.0185, 11.2252

Protanopia

31.2827, 34.0925, 13.3192

Deuteranopia

34.8410, 34.0163, 10.8604



Tritanopia

44.8677, 34.0675, 27.8778

Trichromacy



Original Color

41.3325, 34.0185, 11.2252

Protanomaly

34.3839, 33.7442, 12.4856

Deuteranomaly

37.0601, 33.9972, 10.9122

Tritanomaly

43.5239, 34.1284, 20.5131

Monochromacy



Original Color

41.3325, 34.0185, 11.2252

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.4119, 32.5099, 24.2527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3325, 34.0185, 11.2252 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(226, 135, 76)` looks like.

```
.text, #text, p{  
    color:rgb(226, 135, 76)  
}
```

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(226, 135, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 135, 76) }
```

Border

The CSS property to change the border of an element to XYZ 41.3325, 34.0185, 11.2252 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(226, 135, 76) }
```


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

```
.border{ border-color:rgb(226, 135, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 135, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 135, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 135, 76);  
box-shadow:4px 4px 4px 4px rgb(226, 135,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3325, 34.0185, 11.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 135, 76) }
```

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

```
.background{ background-color: rgb(226,  
135, 76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor