

Converting Colors

XYZ(41.6376, 36.3020, 11.6119)

Have a look what the booklet for
XYZ(41.6376, 36.3020, 11.6119)
contains.

XYZ(41.5541, 36.3022, 11.6544)	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(41.5541, 36.3022,
11.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	DE914C
RGB	222, 145, 76
RGB Percent	87%, 57%, 30%
CMY	0.1294, 0.4313, 0.7020
CMYK	0.00, 0.35, 0.66, 0.13
HSL	28°, 69%, 58%
HSV	28°, 66%, 87%
XYZ	41.5541, 36.3022, 11.6544
YIQ	160.1570, 68.0410, -5.1350

Conversions

Conversions Part 2

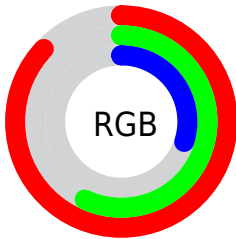
Format	Color
R _Y B	222, 207, 76
Decimal	14586188
CIE Lab	66.75, 22.80, 47.71
CIE LCh	67, 52.882, 64.455
Yxy	36.3022, 0.4642, 0.4056
Android (android.graphics.Color)	4292776268 (0xFFDE914C)
YUV	160.1570, -41.4894, 54.2363
Hunter-Lab	60.2513, 17.6680, 30.7075

Details

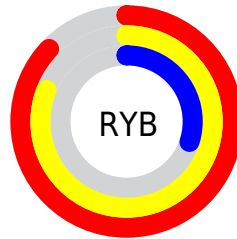
The XYZ color **41.5541, 36.3022, 11.6544** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **27.5559, 29.5914, 73.3661**, and the grayscale version is **33.6504, 35.4028, 38.5537**.

A 20% lighter version of the original color is **65.4942, 63.6392, 28.9103**, and **19.0894, 15.7614, 3.0134** is the 20% darker color. If you saturate the color by 10%, you get **39.2137, 32.6510, 7.7012**, and if you desaturate by 10%, it is **44.3467, 40.4323, 17.0723**.

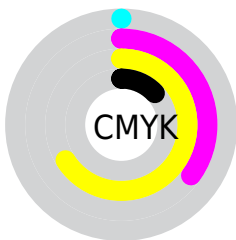
Distribution



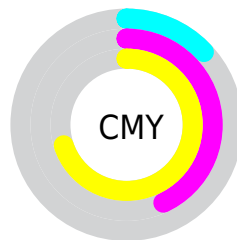
- Red (87%)
- Green (57%)
- Blue (30%)



- Red (87%)
- Yellow (81%)
- Blue (30%)



- Cyan (0%)
- Magenta (35%)
- Yellow (66%)
- Black (13%)





- Cyan (13%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5541, 36.3022, 11.6544 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 41.5541, 36.3022, 11.6544 by changing the saturation by 10% instead.


 41.5541, 36.3022,
11.6544


 41.5541, 36.3022,
11.6544


343.6543,
330.2795, 212.9998

 28.9419, 24.6677,
6.3891


 76.7937, 69.4982,
29.5190


 19.1809, 15.8296,
3.0105


 100.1519, 91.8286,
42.9554


 11.9059, 9.4037,
1.1000


 127.8227,
118.4929, 59.9527

 6.7513, 5.0054,
0.0000

 160.1715,
149.8758, 80.9292

 3.3520, 2.2504,
0.0000

 197.5637,
186.3614, 106.3037

 1.3425, 0.7473,
0.0000

240.3647,

 0.2147, 0.0000,

228.3344, 136.4946

0.0000

288.9398,
276.1789, 171.9204

■ 0.0000, 0.0000,
0.0000

■ 41.5541, 36.3022,
11.6544

■ 41.5541, 36.3022,
11.6544

■ 39.2137, 32.6510,
7.7012

■ 44.3467, 40.4323,
17.0723

■ 37.2888, 29.4506,
5.0575

■ 47.6191, 45.0563,
24.0845

■ 35.7390, 26.6770,
3.5355

■ 51.3990, 50.1950,
32.8084

■ 35.1680, 25.6175,
3.0911

■ 55.7111, 55.8661,
43.3498

■ 60.5783, 62.0863,
55.8058

■ 66.0219, 68.8715,
70.2665

■ 72.0622, 76.2368,
86.8163

■ 78.7182, 84.1969,
105.5346

■ 82.4755, 91.3525,
107.8936

Harmonies

Analogous

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



48.7688, 36.3022, 19.5104



41.5541, 36.3022, 11.6544



33.3257, 36.3022, 9.9055

Triad

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



41.5541, 36.3022, 11.6544



21.3538, 36.3022, 43.0404



43.9355, 36.3022, 87.9737

Complementary

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



41.5541, 36.3022, 11.6544



27.5559, 29.5914, 73.3661

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.



35.7101, 36.3022, 101.5340



41.5541, 36.3022, 11.6544



23.3336, 36.3022, 69.9726

Square

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



41.5541, 36.3022, 11.6544



22.4271, 36.3022, 23.4418



28.3004, 36.3022, 93.9231



50.2857, 36.3022, 61.6706

Rectangle

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



41.5541, 36.3022, 11.6544



28.5328, 36.3022, 11.4986



28.3004, 36.3022, 93.9231



41.2554, 36.3022, 94.5535

Sweetspot

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



41.5549, 36.3040, 11.6551



79.9113, 81.1640, 68.5812



38.5303, 23.0274, 32.9279



16.7042, 16.8599, 13.6587



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.



41.5549, 36.3040, 11.6551



52.6054, 42.9422, 8.9509



56.2757, 65.7455, 16.5620



14.2388, 14.7636, 14.4060



20.9988, 15.4355, 1.8726



1.5447, 1.2482, 0.1595

Inverse Universe

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



27.5559, 29.5914, 73.3661



32.0811, 33.0596, 99.2980



19.0981, 12.6759, 70.5469



13.5473, 14.4338, 17.4597



11.7274, 10.9243, 42.5389



0.9024, 0.9362, 2.9784

Previews

White Background



This preview shows how the XYZ color 41.5541, 36.3022, 11.6544 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 41.5541, 36.3022, 11.6544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

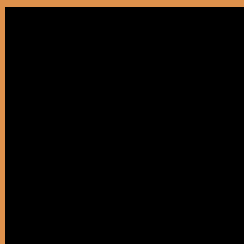
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5541, 36.3022, 11.6544

Background



This preview shows how black text looks on a background with the XYZ color 41.5541, 36.3022, 11.6544.



This preview shows how white text looks on a background with the XYZ color 41.5541, 36.3022,

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

41.5541, 36.3022, 11.6544

Protanopia

33.4426, 36.5069, 13.2666

Deuteranopia

37.0448, 36.3546, 11.5432



Tritanopia

45.8907, 36.3288, 32.1972

Trichromacy



Original Color

41.5541, 36.3022, 11.6544

Protanomaly

35.8421, 35.9582, 12.6410

Deuteranomaly

38.6311, 36.1965, 11.6072

Tritanomaly

43.8806, 36.1442, 22.7529

Monochromacy



Original Color

41.5541, 36.3022, 11.6544

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.2122, 35.0949, 25.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5541, 36.3022, 11.6544 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(222, 145, 76)` looks like.

```
.text, #text, p{  
    color:rgb(222, 145, 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(222, 145, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 145, 76) }
```

Border

The CSS property to change the border of an element to XYZ 41.5541, 36.3022, 11.6544 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(222, 145, 76) }
```


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

```
.border{ border-color:rgb(222, 145, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 145, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 145, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 145, 76);  
box-shadow:4px 4px 4px 4px rgb(222, 145,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5541, 36.3022, 11.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 145, 76) }
```

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

```
.background{ background-color: rgb(222,  
145, 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