

Converting Colors

XYZ(41.7320, 33.7564, 17.9117)

Have a look what the booklet for
XYZ(41.7320, 33.7564, 17.9117)
contains.

XYZ(41.7295, 33.6630, 17.9339)	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(41.7295, 33.6630,
17.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	E0856A
RGB	224, 133, 106
RGB Percent	88%, 52%, 42%
CMY	0.1216, 0.4784, 0.5843
CMYK	0.00, 0.41, 0.53, 0.12
HSL	14°, 66%, 65%
HSV	14°, 53%, 88%
XYZ	41.7295, 33.6630, 17.9339
YIQ	157.1310, 62.9030, 10.8950

Conversions

Conversions Part 2

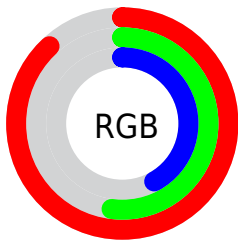
Format	Color
R _Y B	224, 141, 106
Decimal	14714218
CIE Lab	64.69, 32.20, 29.50
CIE LCh	65, 43.667, 42.492
Yxy	33.6630, 0.4471, 0.3607
Android (android.graphics.Color)	4292904298 (0xFFE0856A)
YUV	157.1310, -25.2076, 58.6441
Hunter-Lab	58.0198, 26.8476, 22.2874

Details

The XYZ color **41.7295, 33.6630, 17.9339** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **39.3634, 48.3759, 77.7834**, and the grayscale version is **32.1978, 33.8746, 36.8894**.

A 20% lighter version of the original color is **65.1819, 59.2693, 40.3524**, and **19.2981, 14.3394, 5.7536** is the 20% darker color. If you saturate the color by 10%, you get **38.5396, 28.9104, 11.8549**, and if you desaturate by 10%, it is **45.6141, 39.3185, 25.7459**.

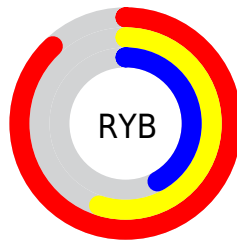
Distribution



Red (88%)

Green (52%)

Blue (42%)



Red (88%)

Yellow (55%)

Blue (42%)

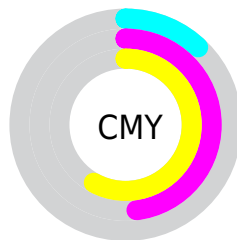


Cyan (0%)

Magenta (41%)

Yellow (53%)

Black (12%)



Cyan (12%)


Magenta (48%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7295, 33.6630, 17.9339 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 41.7295, 33.6630, 17.9339 by changing the saturation by 10% instead.


 41.7295, 33.6630,
17.9339


 41.7295, 33.6630,
17.9339


344.3711,
318.6268, 252.7218


 29.0797, 22.6348,
10.7336


 77.0578, 65.4093,
40.7371

 19.2857, 14.3241,
5.7761


 100.4670, 86.8961,
57.1770

 11.9821, 8.3464,
2.6428


 128.1935,
112.6380, 77.5339

 6.8036, 4.3174,
0.9144

 160.6025,
143.0194, 102.2263

 3.3848, 1.8527,
0.0000

198.0594,
178.4245, 131.6728

 1.3604, 0.5197,
0.0000

240.9296,

 0.2277, 0.0000,

219.2379, 166.2918

0.0000

289.5784,
265.8438, 206.5020

■ 0.0000, 0.0000,
0.0000

■ 41.7295, 33.6630,
17.9339

■ 41.7295, 33.6630,
17.9339

■ 38.5396, 28.9104,
11.8549

■ 45.6141, 39.3185,
25.7459

■ 35.9989, 25.0080,
7.3730

■ 50.2304, 45.9158,
35.4088

■ 34.0595, 21.9050,
4.3352

■ 55.6154, 53.4977,
47.0321

■ 32.6653, 19.5428,
2.5566

■ 61.8028, 62.1028,
60.7165

■ 31.9357, 18.2381,
1.8371

■ 68.8245, 71.7675,
76.5554

■ 76.7103, 82.5266,
94.6369

■ 84.2069, 93.9005,
108.2942

■ 84.5503, 94.5872,
108.4086

Harmonies

Analogous

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



45.2621, 33.6630, 29.6835



41.7295, 33.6630, 17.9339



35.7596, 33.6630, 12.6086

Triad

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



41.7295, 33.6630, 17.9339



21.8243, 33.6630, 27.2201



34.6737, 33.6630, 81.7286

Complementary

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



41.7295, 33.6630, 17.9339



39.3634, 48.3759, 77.7834

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.



28.5055, 33.6630, 80.4015



41.7295, 33.6630, 17.9339



21.6135, 33.6630, 44.6367

Square

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



41.7295, 33.6630, 17.9339



24.5264, 33.6630, 16.6401



23.9070, 33.6630, 65.2577



40.8456, 33.6630, 68.4457

Rectangle

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



41.7295, 33.6630, 17.9339



31.4746, 33.6630, 11.8552



23.9070, 33.6630, 65.2577



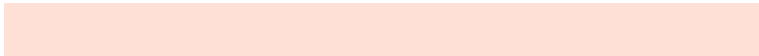
32.5225, 33.6630, 83.0747

Sweetspot

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



41.7303, 33.6647, 17.9345



79.9347, 79.1884, 74.8242



46.1376, 30.2528, 57.0961



16.7384, 16.4341, 15.1943



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.



41.7303, 33.6647, 17.9345



51.4081, 38.3384, 15.3628



51.8783, 53.9607, 21.3172



13.9605, 14.2069, 14.3132



18.6611, 10.7600, 1.0933



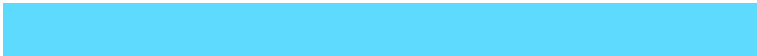
1.3609, 0.8808, 0.0983

Inverse Universe

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



39.3634, 48.3759, 77.7834



47.8340, 59.8821, 103.6450



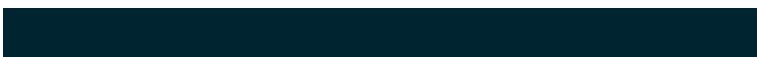
28.6941, 27.0372, 74.2270



13.8367, 15.0125, 17.5561



16.5909, 20.6514, 44.1600



1.2157, 1.5629, 3.0828

Previews

White Background



This preview shows how the XYZ color 41.7295, 33.6630, 17.9339 looks on a white background.

Color Contrast Check

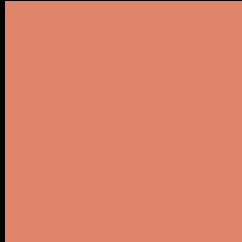
Large Text (above 18pt) WCAG AA × Fail

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 41.7295, 33.6630, 17.9339 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 41.7295, 33.6630, 17.9339

Background



This preview shows how black text looks on a background with the XYZ color 41.7295, 33.6630, 17.9339.



This preview shows how white text looks on a background with the XYZ color 41.7295, 33.6630,

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

41.7295, 33.6630, 17.9339

Protanopia

31.5715, 33.8099, 21.3850

Deuteranopia

34.3408, 33.6108, 17.5095



Tritanopia

43.8017, 33.7042, 28.2417

Trichromacy



Original Color

41.7295, 33.6630, 17.9339

Protanomaly

34.5008, 33.1685, 19.9130

Deuteranomaly

36.8291, 33.5026, 17.6222

Tritanomaly

42.7999, 33.4792, 23.9450

Monochromacy



Original Color

41.7295, 33.6630, 17.9339

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.2334, 32.8385, 28.5789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7295, 33.6630, 17.9339 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, 133, 106)` looks like.

```
.text, #text, p{  
    color:rgb(224, 133, 106)  
}
```

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, 133, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 133, 106) }
```

Border

The CSS property to change the border of an element to XYZ 41.7295, 33.6630, 17.9339 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, 133, 106) }
```


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

```
.border{ border-color:rgb(224, 133, 106) }
```

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

Here you see how a box with a 4 pixel rgb(224, 133, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 133, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 133, 106);  
box-shadow:4px 4px 4px 4px rgb(224, 133,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7295, 33.6630, 17.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 133, 106) }
```

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

```
.background{ background-color: rgb(224,  
133, 106) }
```

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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