

Converting Colors

XYZ(41.6334, 33.5888, 19.0408)

Have a look what the booklet for
XYZ(41.6334, 33.5888, 19.0408)
contains.

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Color

**XYZ(41.6334, 33.5888,
19.0408)**

Conversions

Conversions Part 1

Format	Color
Hex	DF856E
RGB	223, 133, 110
RGB Percent	87%, 52%, 43%
CMY	0.1255, 0.4784, 0.5686
CMYK	0.00, 0.40, 0.51, 0.13
HSL	12°, 64%, 65%
HSV	12°, 51%, 87%
XYZ	41.6334, 33.5888, 19.0408
YIQ	157.2880, 61.0230, 11.9270

Conversions

Conversions Part 2

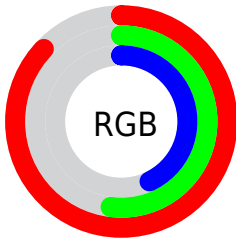
Format	Color
R _Y B	223, 139, 110
Decimal	14648686
CIE Lab	64.63, 32.16, 27.18
CIE LCh	65, 42.112, 40.204
Yxy	33.5888, 0.4417, 0.3563
Android (android.graphics.Color)	4292838766 (0xFFDF856E)
YUV	157.2880, -23.3130, 57.6294
Hunter-Lab	57.9558, 26.8053, 21.0900

Details

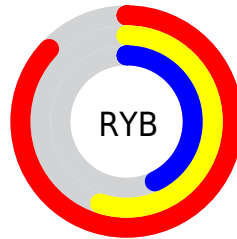
The XYZ color **41.6334, 33.5888, 19.0408** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **40.4028, 49.9488, 77.3234**, and the grayscale version is **32.2609, 33.9409, 36.9617**.

A 20% lighter version of the original color is **65.5319, 59.4093, 42.1957**, and **19.1966, 14.2749, 6.3010** is the 20% darker color. If you saturate the color by 10%, you get **38.3393, 28.7053, 12.6877**, and if you desaturate by 10%, it is **45.6458, 39.4202, 27.1410**.

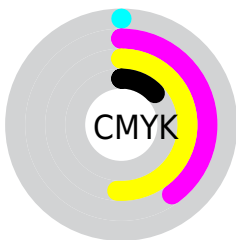
Distribution



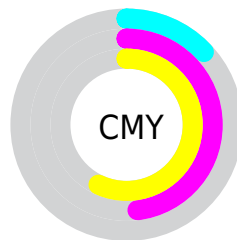
- Red (87%)
- Green (52%)
- Blue (43%)



- Red (87%)
- Yellow (55%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (13%)





- Cyan (13%)
- Magenta (48%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6334, 33.5888, 19.0408 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 41.6334, 33.5888, 19.0408 by changing the saturation by 10% instead.


 41.6334, 33.5888,
19.0408


 41.6334, 33.5888,
19.0408

343.9785,
318.2946, 259.1041

 29.0042, 22.5779,
11.5227


 76.9131, 65.2937,
42.6406

 19.2283, 14.2821,
6.3010


 100.2944, 86.7565,
59.5594

 11.9403, 8.3172,
2.9572


 127.9904,
112.4720, 80.4488

 6.7750, 4.2986,
1.0728

 160.3664,
142.8247, 105.7274

 3.3668, 1.8419,
0.0000

197.7879,
178.1989, 135.8137

 1.3506, 0.5131,
0.0000

240.6202,

 0.2206, 0.0000,

218.9790, 171.1262

0.0000

289.2286,
265.5494, 212.0835

0.0000, 0.0000,
0.0000

41.6334, 33.5888,
19.0408

41.6334, 33.5888,
19.0408

38.3393, 28.7053,
12.6877

45.6458, 39.4202,
27.1410

35.7169, 24.7138,
7.9499

50.4142, 46.2410,
37.1033

33.7179, 21.5604,
4.6797

55.9765, 54.0968,
49.0347

32.2856, 19.1829,
2.7009

62.3673, 63.0284,
63.0339

31.3850, 17.5954,
1.7421

69.6191, 73.0747,
79.1926

■ 77.7627, 84.2724,
97.5972

■ 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



44.7620, 33.5888, 30.9952



41.6334, 33.5888, 19.0408



36.0187, 33.5888, 13.3679

Triad

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



41.6334, 33.5888, 19.0408



22.2040, 33.5888, 26.4323



34.0254, 33.5888, 80.0006

Complementary

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



41.6334, 33.5888, 19.0408



40.4028, 49.9488, 77.3234

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.



28.1542, 33.5888, 77.6013



41.6334, 33.5888, 19.0408



21.8121, 33.5888, 42.7817

Square

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



41.6334, 33.5888, 19.0408



25.0050, 33.5888, 16.6093



23.8572, 33.5888, 62.4936



40.0170, 33.5888, 68.2798

Rectangle

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



41.6334, 33.5888, 19.0408



31.8838, 33.5888, 12.3889



23.8572, 33.5888, 62.4936



31.9665, 33.5888, 80.8893

Sweetspot

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



41.6342, 33.5905, 19.0414



80.5322, 79.8573, 76.6448



46.4795, 31.0289, 58.4284



16.8462, 16.5460, 15.5495



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.



41.6342, 33.5905, 19.0414



51.6459, 38.4338, 16.6139



51.4650, 53.2520, 22.3183



13.9321, 14.1502, 14.3037



18.5187, 10.4752, 1.0459



1.3473, 0.8535, 0.0937

Inverse Universe

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



40.4028, 49.9488, 77.3234



49.7213, 62.8509, 104.1186



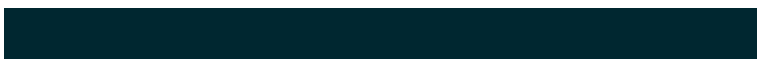
29.7080, 28.5592, 73.7585



13.8672, 15.0735, 17.5663



17.2284, 21.9264, 44.3725



1.2548, 1.6411, 3.0959

Previews

White Background



This preview shows how the XYZ color 41.6334, 33.5888, 19.0408 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 41.6334, 33.5888, 19.0408 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 41.6334, 33.5888, 19.0408

Background



This preview shows how black text looks on a background with the XYZ color 41.6334, 33.5888, 19.0408.



This preview shows how white text looks on a background with the XYZ color 41.6334, 33.5888,

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

41.6334, 33.5888, 19.0408

Protanopia

31.5956, 33.7948, 22.6271

Deuteranopia

34.2992, 33.5656, 18.5810



Tritanopia

43.4890, 33.5430, 28.2271

Trichromacy



Original Color

41.6334, 33.5888, 19.0408

Protanomaly

34.4813, 33.1321, 21.1008

Deuteranomaly

36.7674, 33.4467, 18.7054

Tritanomaly

42.6194, 33.3711, 24.6170

Monochromacy



Original Color

41.6334, 33.5888, 19.0408

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.3796, 32.8970, 29.3487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6334, 33.5888, 19.0408 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(223, 133, 110)` looks like.

```
.text, #text, p{  
    color:rgb(223, 133, 110)  
}
```

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(223, 133, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 133, 110) }
```

Border

The CSS property to change the border of an element to XYZ 41.6334, 33.5888, 19.0408 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(223, 133, 110) }
```


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

```
.border{ border-color:rgb(223, 133, 110) }
```

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

Here you see how a box with a 4 pixel rgb(223, 133, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 133, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 133, 110);  
box-shadow:4px 4px 4px 4px rgb(223, 133,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6334, 33.5888, 19.0408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 133, 110) }
```

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

```
.background{ background-color: rgb(223,  
133, 110) }
```

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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