

Converting Colors

XYZ(47.0345, 42.3263, 19.6009)

Have a look what the booklet for
XYZ(47.0345, 42.3263, 19.6009)
contains.

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Color

**XYZ(47.0469, 42.3518,
19.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	E49F6B
RGB	228, 159, 107
RGB Percent	89%, 62%, 42%
CMY	0.1059, 0.3764, 0.5804
CMYK	0.00, 0.30, 0.53, 0.11
HSL	26°, 69%, 66%
HSV	26°, 53%, 89%
XYZ	47.0469, 42.3518, 19.6050
YIQ	173.7030, 57.8160, -1.5440

Conversions

Conversions Part 2

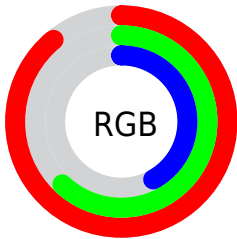
Format	Color
R_{YB}	228, 198, 107
Decimal	14983019
CIE _{Lab}	71.11, 20.03, 37.26
CIE _{LCh}	71, 42.303, 61.734
Yxy	42.3518, 0.4316, 0.3885
Android (android.graphics.Color)	4293173099 (0xFFE49F6B)
YUV	173.7030, -32.8846, 47.6185
Hunter-Lab	65.0783, 15.1557, 27.6935

Details

The XYZ color **47.0469, 42.3518, 19.6050** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.5915, 39.7761, 79.2002**, and the grayscale version is **40.2232, 42.3180, 46.0843**.

A 20% lighter version of the original color is **71.5446, 71.8563, 42.8997**, and **22.3836, 19.2559, 6.5400** is the 20% darker color. If you saturate the color by 10%, you get **43.8827, 37.6967, 13.3923**, and if you desaturate by 10%, it is **50.7646, 47.6079, 27.5630**.

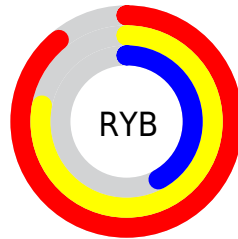
Distribution



Red (89%)

Green (62%)

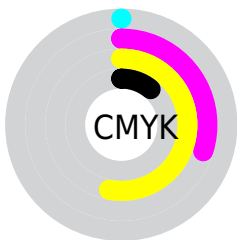
Blue (42%)



Red (89%)

Yellow (78%)

Blue (42%)

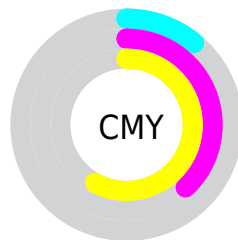


Cyan (0%)

Magenta (30%)

Yellow (53%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0469, 42.3518, 19.6050 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 47.0469, 42.3518, 19.6050 by changing the saturation by 10% instead.


 47.0469, 42.3518,
19.6050


 47.0469, 42.3518,
19.6050


365.6475,
355.9392, 262.3018

 33.2808, 29.3769,
11.9270


 85.0019, 78.7318,
43.6042


 22.5019, 19.3661,
6.5721


 109.9216,
102.9056, 60.7624

 14.3448, 11.9351,
3.1216


 139.2899,
131.5812, 81.9179

 8.4442, 6.6995,
1.1571

 173.4721,
165.1429, 107.4891

 4.4347, 3.2749,
0.0000

212.8336,
203.9752, 137.8945

 1.9509, 1.2769,
0.0000

257.7398,

 0.6061, 0.1232,

248.4624, 173.5527

0.0000

308.5560,
298.9890, 214.8823

■ 0.0000, 0.0000,
0.0000

■ 47.0469, 42.3518,
19.6050

■ 47.0469, 42.3518,
19.6050

■ 43.8827, 37.6967,
13.3923

■ 50.7646, 47.6079,
27.5630

■ 41.2362, 33.6116,
8.7861

■ 55.0622, 53.4817,
37.3857

■ 39.0714, 30.0718,
5.6302

■ 59.9681, 59.9967,
49.1844

■ 37.3449, 27.0469,
3.7348

■ 65.5075, 67.1733,
63.0612

■ 36.3619, 25.2280,
2.9530

■ 71.7043, 75.0308,
79.1109

■ 78.5809, 83.5876,
97.4224

■ 84.2337, 92.0917,
107.9436

■ 85.8048, 95.2339,
108.4673

Harmonies

Analogous

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



52.9695, 42.3518, 28.5057



47.0469, 42.3518, 19.6050



39.8438, 42.3518, 17.1029

Triad

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



47.0469, 42.3518, 19.6050



28.1290, 42.3518, 47.3031



47.8426, 42.3518, 87.8251

Complementary

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



47.0469, 42.3518, 19.6050



35.5915, 39.7761, 79.2002

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.



40.6672, 42.3518, 97.0537



47.0469, 42.3518, 19.6050



29.7562, 42.3518, 69.7944

Square

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



47.0469, 42.3518, 19.6050



29.4209, 42.3518, 30.0136



34.1488, 42.3518, 89.6494



53.4654, 42.3518, 67.1365

Rectangle

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



47.0469, 42.3518, 19.6050



35.4233, 42.3518, 18.5632



34.1488, 42.3518, 89.6494



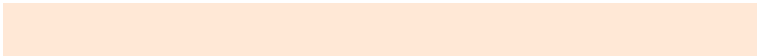
45.5052, 42.3518, 92.6037

Sweetspot

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



47.0479, 42.3539, 19.6058



82.1854, 83.6898, 75.5744



45.2468, 30.2073, 45.3466



17.2711, 17.4994, 15.3719



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.



47.0479, 42.3539, 19.6058



56.0733, 47.8497, 16.3600



59.6985, 67.6550, 23.8227



14.8838, 15.3815, 15.0889



21.1093, 14.7927, 1.7427



1.6506, 1.2746, 0.1590

Inverse Universe

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



35.5915, 39.7761, 79.2002



39.7628, 44.1233, 101.0287



26.4383, 21.4697, 76.1491



14.2616, 15.2446, 18.3352



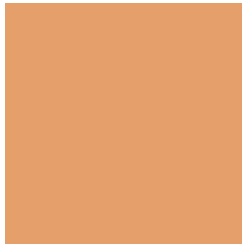
12.8161, 12.6943, 44.1579



1.0389, 1.1217, 3.2937

Previews

White Background



This preview shows how the XYZ color 47.0469, 42.3518, 19.6050 looks on a white background.

Color Contrast Check

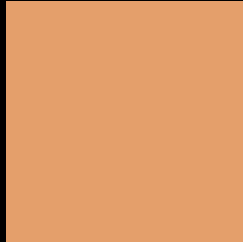
Large Text (above 18pt) WCAG AA × Fail

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 47.0469, 42.3518, 19.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

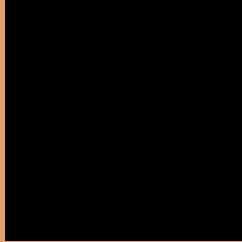
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0469, 42.3518, 19.6050

Background



This preview shows how black text looks on a background with the XYZ color 47.0469, 42.3518, 19.6050.



This preview shows how white text looks on a background with the XYZ color 47.0469, 42.3518,

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

47.0469, 42.3518, 19.6050

Protanopia

39.3519, 42.4115, 21.7350

Deuteranopia

43.2325, 42.5062, 19.2905



Tritanopia

51.4434, 42.4245, 40.1277

Trichromacy



Original Color

47.0469, 42.3518, 19.6050

Protanomaly

41.9590, 42.3610, 21.0039

Deuteranomaly

44.4922, 42.3432, 19.4637

Tritanomaly

49.6343, 42.4148, 31.5575

Monochromacy



Original Color

47.0469, 42.3518, 19.6050

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.9411, 42.0473, 34.7596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0469, 42.3518, 19.6050 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(228, 159, 107)` looks like.

```
.text, #text, p{  
    color:rgb(228, 159, 107)  
}
```

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(228, 159, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 159, 107) }
```

Border

The CSS property to change the border of an element to XYZ 47.0469, 42.3518, 19.6050 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(228, 159, 107) }
```


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

```
.border{ border-color:rgb(228, 159, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 159, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 159, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 159, 107);  
box-shadow:4px 4px 4px 4px rgb(228, 159,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0469, 42.3518, 19.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 159, 107) }
```

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

```
.background{ background-color: rgb(228,  
159, 107) }
```

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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