

Converting Colors

XYZ(47.1634, 41.9441, 23.2130)

Have a look what the booklet for
XYZ(47.1634, 41.9441, 23.2130)
contains.

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Color

**XYZ(47.0653, 41.7767,
23.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	E39D77
RGB	227, 157, 119
RGB Percent	89%, 62%, 47%
CMY	0.1098, 0.3843, 0.5333
CMYK	0.00, 0.31, 0.48, 0.11
HSL	21°, 66%, 68%
HSV	21°, 48%, 89%
XYZ	47.0653, 41.7767, 23.0359
YIQ	173.5980, 53.9180, 3.0220

Conversions

Conversions Part 2

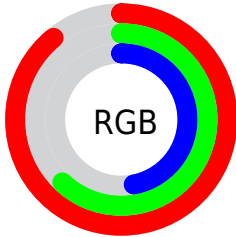
Format	Color
R _Y B	227, 178, 119
Decimal	14916983
CIE Lab	70.72, 21.79, 30.34
CIE LCh	71, 37.354, 54.311
Yxy	41.7767, 0.4207, 0.3734
Android (android.graphics.Color)	4293107063 (0xFFE39D77)
YUV	173.5980, -26.9168, 46.8336
Hunter-Lab	64.6349, 16.8676, 24.1135

Details

The XYZ color **47.0653, 41.7767, 23.0359** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.6697, 45.8614, 79.4342**, and the grayscale version is **40.1411, 42.2315, 45.9901**.

A 20% lighter version of the original color is **72.2299, 71.3255, 48.9900**, and **22.5193, 18.9804, 8.2710** is the 20% darker color. If you saturate the color by 10%, you get **43.5205, 36.6146, 15.9128**, and if you desaturate by 10%, it is **51.2375, 47.6727, 31.9751**.

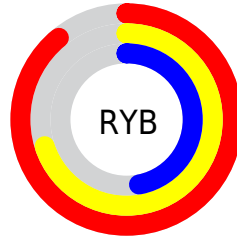
Distribution



Red (89%)

Green (62%)

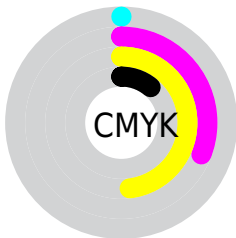
Blue (47%)



Red (89%)

Yellow (70%)

Blue (47%)

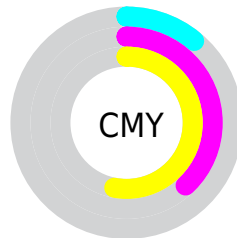


Cyan (0%)

Magenta (31%)

Yellow (48%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0653, 41.7767, 23.0359 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 47.0653, 41.7767, 23.0359 by changing the saturation by 10% instead.


 47.0653, 41.7767,
23.0359

 47.0653, 41.7767,
23.0359


365.7197,
353.5564, 281.0372


 33.2954, 28.9265,
14.4145

 85.0292, 77.8616,
49.3762

 22.5132, 19.0252,
8.2675


 109.9540,
101.8650, 67.9322

 14.3532, 11.6885,
4.1763


 139.3278,
130.3549, 90.6367

 8.4501, 6.5319,
1.7226

173.5160,
163.7158, 117.9084

 4.4385, 3.1711,
0.3761

212.8840,
202.3320, 150.1657

 1.9531, 1.2217,
0.0000

257.7970,

 0.6074, 0.0793,

246.5879, 187.8273

0.0000

308.6204,
296.8679, 231.3116

■ 0.0000, 0.0000,
0.0000

■ 47.0653, 41.7767,
23.0359

■ 47.0653, 41.7767,
23.0359

■ 43.5205, 36.6146,
15.9128

■ 51.2375, 47.6727,
31.9751

■ 40.5659, 32.1495,
10.4758

■ 56.0652, 54.3249,
42.8432

■ 38.1645, 28.3503,
6.5813


■ 61.5787, 61.7624,
55.7465


■ 36.2730, 25.1807,
4.0599


■ 67.8050, 70.0109,
70.7829

■ 34.8362, 22.5980,
2.6838

■ 74.7698, 79.0945,
88.0439

 34.5384, 22.0507,
2.4358

 82.4649, 89.0237,
107.4447

 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



51.5745, 41.7767, 32.8461



47.0653, 41.7767, 23.0359



40.8994, 41.7767, 19.2972

Triad

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



47.0653, 41.7767, 23.0359



29.0005, 41.7767, 42.1908



44.8128, 41.7767, 84.1695

Complementary

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



47.0653, 41.7767, 23.0359



39.6697, 45.8614, 79.4342

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.



38.5390, 41.7767, 88.5467



47.0653, 41.7767, 23.0359



29.8166, 41.7767, 61.0167

Square

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



47.0653, 41.7767, 23.0359



30.8023, 41.7767, 28.3559



33.1595, 41.7767, 79.1774



50.1823, 41.7767, 68.4177

Rectangle

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



47.0653, 41.7767, 23.0359



36.8370, 41.7767, 19.8040



33.1595, 41.7767, 79.1774



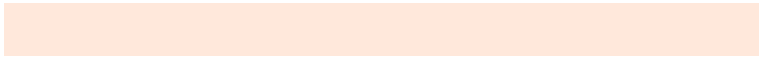
42.7233, 41.7767, 87.1665

Sweetspot

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



47.0663, 41.7787, 23.0367



82.8837, 84.0263, 79.0753



47.4826, 33.2077, 52.1654



17.3752, 17.4989, 16.0499



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.



47.0663, 41.7787, 23.0367



56.7451, 47.7975, 20.8872



58.2530, 64.1521, 26.7656



14.7898, 15.1935, 15.0576



20.2422, 13.0586, 1.4537



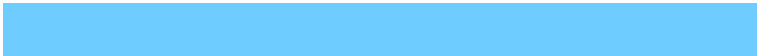
1.5807, 1.1347, 0.1357

Inverse Universe

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



39.6697, 45.8614, 79.4342



45.9946, 53.6279, 102.5348



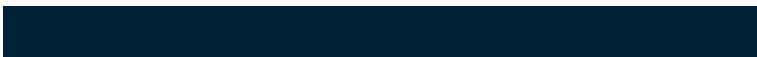
30.1652, 26.8523, 76.2660



14.3583, 15.4380, 18.3674



14.2955, 15.6531, 44.6511



1.1429, 1.3297, 3.3284

Previews

White Background



This preview shows how the XYZ color 47.0653, 41.7767, 23.0359 looks on a white background.

Color Contrast Check

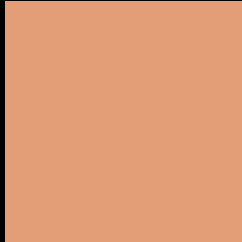
Large Text (above 18pt) WCAG AA × Fail

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 47.0653, 41.7767, 23.0359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

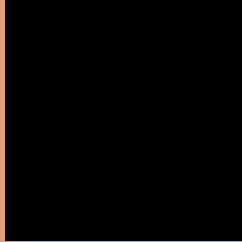
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0653, 41.7767, 23.0359

Background



This preview shows how black text looks on a background with the XYZ color 47.0653, 41.7767, 23.0359.



This preview shows how white text looks on a background with the XYZ color 47.0653, 41.7767,

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

47.0653, 41.7767, 23.0359

Protanopia

38.9592, 41.8326, 25.7598

Deuteranopia

42.8595, 41.9667, 22.6711



Tritanopia

50.6325, 41.7665, 40.0434

Trichromacy



Original Color

47.0653, 41.7767, 23.0359

Protanomaly

41.4813, 41.4850, 24.5600

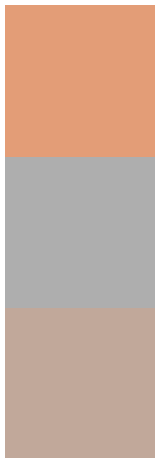
Deuteranomaly

44.3915, 41.9495, 22.8969

Tritanomaly

49.2908, 41.7120, 33.0571

Monochromacy



Original Color

47.0653, 41.7767, 23.0359

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.8277, 41.6758, 36.4115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0653, 41.7767, 23.0359 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(227, 157, 119)` looks like.

```
.text, #text, p{  
    color:rgb(227, 157, 119)  
}
```

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(227, 157, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 157, 119) }
```

Border

The CSS property to change the border of an element to XYZ 47.0653, 41.7767, 23.0359 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(227, 157, 119) }
```


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

```
.border{ border-color:rgb(227, 157, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 157, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 157, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 157, 119); box-shadow:4px 4px 4px 4px rgb(227, 157, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0653, 41.7767, 23.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 157, 119) }
```

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

```
.background{ background-color: rgb(227,  
157, 119) }
```

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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