

Converting Colors

XYZ(47.0951, 41.4879, 12.1984)

Have a look what the booklet for
XYZ(47.0951, 41.4879, 12.1984)
contains.

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Color

**XYZ(47.2523, 41.6129,
12.1982)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9B4B
RGB	235, 155, 75
RGB Percent	92%, 61%, 29%
CMY	0.0784, 0.3921, 0.7059
CMYK	0.00, 0.34, 0.68, 0.08
HSL	30°, 80%, 61%
HSV	30°, 68%, 92%
XYZ	47.2523, 41.6129, 12.1982
YIQ	169.8000, 73.3600, -7.9200

Conversions

Conversions Part 2

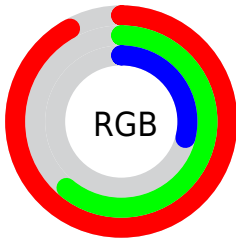
Format	Color
R _Y B	235, 235, 75
Decimal	15440715
CIE Lab	70.60, 22.80, 52.90
CIE LCh	71, 57.607, 66.681
Yxy	41.6129, 0.4676, 0.4118
Android (android.graphics.Color)	4293630795 (0xFFEB9B4B)
YUV	169.8000, -46.7364, 57.1804
Hunter-Lab	64.5081, 17.8625, 33.9442

Details

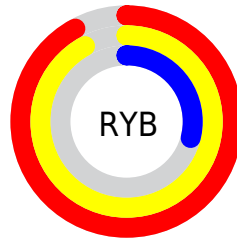
The XYZ color **47.2523, 41.6129, 12.1982** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **29.6176, 30.9350, 83.0068**, and the grayscale version is **38.3097, 40.3048, 43.8919**.

A 20% lighter version of the original color is **68.1174, 68.8855, 29.7847**, and **22.7743, 19.0725, 3.2401** is the 20% darker color. If you saturate the color by 10%, you get **44.7306, 37.6279, 8.0957**, and if you desaturate by 10%, it is **50.2631, 46.1015, 17.9293**.

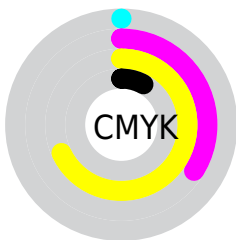
Distribution



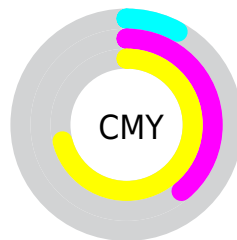
- Red (92%)
- Green (61%)
- Blue (29%)



- Red (92%)
- Yellow (92%)
- Blue (29%)



- Cyan (0%)
- Magenta (34%)
- Yellow (68%)
- Black (8%)





- Cyan (8%)
- Magenta (39%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2523, 41.6129, 12.1982 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 47.2523, 41.6129, 12.1982 by changing the saturation by 10% instead.


 47.2523, 41.6129,
12.1982

 47.2523, 41.6129,
12.1982


366.4528,
352.8757, 216.7373


 33.4439, 28.7983,
6.7546


 85.3066, 77.6134,
30.5254

 22.6276, 18.9283,
3.2330

 110.2832,
101.5681, 44.2460


 14.4380, 11.6185,
1.2148


 139.7132,
130.0050, 61.5628

 8.5096, 6.4845,
0.0000

 173.9621,
163.3085, 82.8942

 4.4773, 3.1418,
0.0000

 213.3951,
201.8629, 108.6589

 1.9755, 1.2062,
0.0000

258.3777,

 0.6202, 0.0668,

246.0526, 139.2752

0.0000

309.2751,
296.2621, 175.1619

■ 0.0000, 0.0000,
0.0000

■ 47.2523, 41.6129,
12.1982

■ 47.2523, 41.6129,
12.1982

■ 44.7306, 37.6279,
8.0957

■ 50.2631, 46.1015,
17.9293

■ 42.6551, 34.1155,
5.4355

■ 53.7947, 51.1093,
25.4428


■ 40.9730, 31.0471,
3.9625

■ 57.8789, 56.6589,
34.8772


■ 40.6814, 30.5034,
3.7436

■ 62.5436, 62.7692,
46.3563

■ 67.8147, 69.4579,
59.9937

 73.7165, 76.7419,
75.8943

 80.2717, 84.6372,
94.1563

 86.1862, 92.6330,
107.9452

 88.0707, 96.4020,
108.5734

Harmonies

Analogous

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



56.1296, 41.6129, 20.6479



47.2523, 41.6129, 12.1982



37.4596, 41.6129, 10.6327

Triad

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



47.2523, 41.6129, 12.1982



24.0100, 41.6129, 51.6881



51.5295, 41.6129, 101.7220

Complementary

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



47.2523, 41.6129, 12.1982



29.6176, 30.9350, 83.0068

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.



41.7205, 41.6129, 119.9036



47.2523, 41.6129, 12.1982



26.6091, 41.6129, 84.4101

Square

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



47.2523, 41.6129, 12.1982



25.0068, 41.6129, 27.5589



32.7370, 41.6129, 112.5448



58.8629, 41.6129, 69.4009

Rectangle

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



47.2523, 41.6129, 12.1982



31.8863, 41.6129, 12.7483



32.7370, 41.6129, 112.5448



48.3568, 41.6129, 110.1773

Sweetspot

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



47.2533, 41.6150, 12.1990



80.2975, 81.9364, 68.7099



42.6934, 25.0611, 33.5977



16.7965, 17.0445, 13.6895



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.



47.2533, 41.6150, 12.1990



52.7107, 43.4156, 8.1763



65.2389, 77.5863, 18.1942



15.6878, 16.2985, 15.8378



22.7690, 17.2322, 2.1261



1.8841, 1.5456, 0.1990

Inverse Universe

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



29.6176, 30.9350, 83.0068



30.1493, 29.7526, 98.7615



20.4133, 12.5265, 79.9387



14.8534, 15.7933, 19.1878



12.0457, 10.7383, 45.1808



1.0421, 1.0356, 3.5798

Previews

White Background



This preview shows how the XYZ color 47.2523, 41.6129, 12.1982 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 47.2523, 41.6129, 12.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

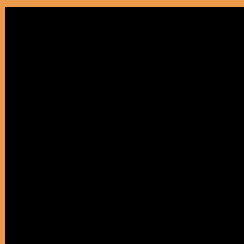
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2523, 41.6129, 12.1982

Background



This preview shows how black text looks on a background with the XYZ color 47.2523, 41.6129, 12.1982.



This preview shows how white text looks on a background with the XYZ color 47.2523, 41.6129,

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

47.2523, 41.6129, 12.1982

Protanopia

38.1670, 41.6877, 13.8195

Deuteranopia

42.6492, 41.8252, 11.9561



Tritanopia

52.2999, 41.5174, 37.1554

Trichromacy



Original Color

47.2523, 41.6129, 12.1982

Protanomaly

41.0599, 41.2468, 13.1945

Deuteranomaly

44.0717, 41.5004, 11.9909

Tritanomaly

49.8381, 41.2043, 25.4052

Monochromacy



Original Color

47.2523, 41.6129, 12.1982

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.0764, 40.1289, 28.5551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2523, 41.6129, 12.1982 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(235, 155, 75)` looks like.

```
.text, #text, p{  
    color:rgb(235, 155, 75)  
}
```

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(235, 155, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 155, 75) }
```

Border

The CSS property to change the border of an element to XYZ 47.2523, 41.6129, 12.1982 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(235, 155, 75) }
```


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

```
.border{ border-color:rgb(235, 155, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 155, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 155, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 155, 75);  
box-shadow:4px 4px 4px 4px rgb(235, 155,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2523, 41.6129, 12.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 155, 75) }
```

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

```
.background{ background-color: rgb(235,  
155, 75) }
```

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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