

Converting Colors

XYZ(48.5646, 41.2163, 23.4495)

Have a look what the booklet for
XYZ(48.5646, 41.2163, 23.4495)
contains.

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Color

**XYZ(48.6111, 41.3294,
23.5044)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9879
RGB	234, 152, 121
RGB Percent	92%, 60%, 47%
CMY	0.0824, 0.4039, 0.5255
CMYK	0.00, 0.35, 0.48, 0.08
HSL	16°, 73%, 70%
HSV	16°, 48%, 92%
XYZ	48.6111, 41.3294, 23.5044
YIQ	172.9840, 58.8230, 7.7430

Conversions

Conversions Part 2

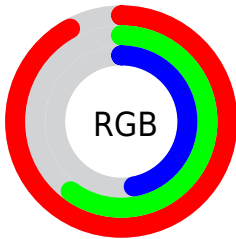
Format	Color
RYB	234, 164, 121
Decimal	15374457
CIELab	70.41, 27.41, 29.00
CIELCh	70, 39.907, 46.610
Yxy	41.3294, 0.4285, 0.3643
Android (android.graphics.Color)	4293564537 (0xFFEA9879)
YUV	172.9840, -25.6281, 53.5110
Hunter-Lab	64.2879, 22.4682, 23.3245

Details

The XYZ color **48.6111, 41.3294, 23.5044** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.0912, 52.7147, 85.6927**, and the grayscale version is **39.8189, 41.8925, 45.6210**.

A 20% lighter version of the original color is **71.1928, 68.9416, 49.5992**, and **23.4061, 18.6962, 8.5060** is the 20% darker color. If you saturate the color by 10%, you get **44.7852, 35.7022, 15.9876**, and if you desaturate by 10%, it is **53.1817, 47.8889, 32.9871**.

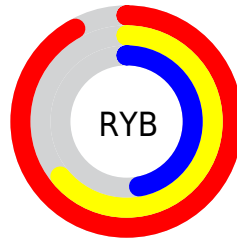
Distribution



Red (92%)

Green (60%)

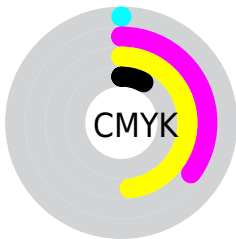
Blue (47%)



Red (92%)

Yellow (64%)

Blue (47%)

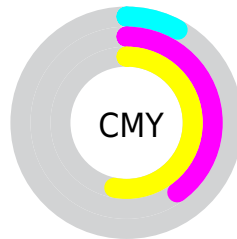


Cyan (0%)

Magenta (35%)

Yellow (48%)

Black (8%)



Cyan (8%)


Magenta (40%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6111, 41.3294, 23.5044 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 48.6111, 41.3294, 23.5044 by changing the saturation by 10% instead.


 48.6111, 41.3294,
23.5044


 48.6111, 41.3294,
23.5044


371.7517,
351.6955, 283.5106

 34.5243, 28.5766,
14.7576


 87.3178, 77.1837,
50.1539

 23.4615, 18.7607,
8.5047


 112.6684,
101.0539, 68.8936

 15.0572, 11.4975,
4.3272


 142.5044,
129.3987, 91.8015

 8.9461, 6.4025,
1.8065

177.1910,
162.6025, 119.2959

 4.7629, 3.0913,
0.4322

217.0937,
201.0497, 151.7955

 2.1421, 1.1796,
0.0000

262.5779,

 0.7120, 0.0450,

245.1247, 189.7188

0.0000

314.0087,
295.2118, 233.4843

■ 0.0000, 0.0000,
0.0000

■ 48.6111, 41.3294,
23.5044

■ 48.6111, 41.3294,
23.5044

■ 44.7852, 35.7022,
15.9876

■ 53.1817, 47.8889,
32.9871

■ 41.6585, 30.9576,
10.2940

■ 58.5325, 55.4152,
44.5600

■ 39.1851, 27.0503,
6.2650

■ 64.7005, 63.9485,
58.3396

■ 37.3113, 23.9279,
3.7134

■ 71.7193, 73.5246,
74.4332

■ 35.9672, 21.5285,
2.3746

■ 79.6205, 84.1778,
92.9412

■ 35.7766, 21.1825,
2.2030

■ 87.3861, 95.5214,
108.4395

■ 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



52.6679, 41.3294, 35.4344



48.6111, 41.3294, 23.5044



42.2798, 41.3294, 18.1914

Triad

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



48.6111, 41.3294, 23.5044



28.2342, 41.3294, 37.1346



43.0037, 41.3294, 89.3128

Complementary

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



48.6111, 41.3294, 23.5044



44.0912, 52.7147, 85.6927

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.



36.4301, 41.3294, 90.1460



48.6111, 41.3294, 23.5044



28.3818, 41.3294, 56.1501

Square

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



48.6111, 41.3294, 23.5044



30.8021, 41.3294, 24.4487



31.2307, 41.3294, 76.7286



49.1917, 41.3294, 74.6961

Rectangle

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



48.6111, 41.3294, 23.5044



37.8467, 41.3294, 17.7883



31.2307, 41.3294, 76.7286



40.7539, 41.3294, 91.3314

Sweetspot

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



48.6121, 41.3315, 23.5052



82.1115, 82.4818, 78.8179



51.6522, 35.5207, 61.1768



17.1886, 17.1256, 15.9876



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.



48.6121, 41.3315, 23.5052



54.4392, 43.4038, 19.4460



59.8494, 63.8060, 27.2510



15.4018, 15.7266, 15.7425



20.1947, 12.0835, 1.2680



1.6638, 1.1049, 0.1256

Inverse Universe

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



44.0912, 52.7147, 85.6927



48.2780, 58.6571, 103.3852



33.2275, 30.9875, 82.0715



15.1479, 16.3823, 19.2860



16.5120, 19.6710, 46.6696



1.3762, 1.7038, 3.6912

Previews

White Background



This preview shows how the XYZ color 48.6111, 41.3294, 23.5044 looks on a white background.

Color Contrast Check

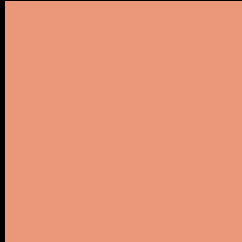
Large Text (above 18pt) WCAG AA × Fail

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 48.6111, 41.3294, 23.5044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

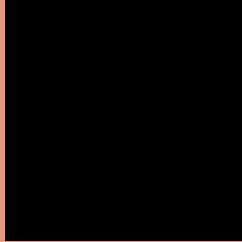
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6111, 41.3294, 23.5044

Background



This preview shows how black text looks on a background with the XYZ color 48.6111, 41.3294, 23.5044.



This preview shows how white text looks on a background with the XYZ color 48.6111, 41.3294,

23.5044.

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

48.6111, 41.3294, 23.5044

Protanopia

38.7894, 41.4310, 27.0717

Deuteranopia

42.1787, 41.3401, 22.8959



Tritanopia

51.5303, 41.3406, 37.6113

Trichromacy



Original Color

48.6111, 41.3294, 23.5044

Protanomaly

41.9145, 41.1391, 25.8102

Deuteranomaly

44.2195, 41.0725, 23.0499

Tritanomaly

50.4504, 41.3721, 32.1147

Monochromacy



Original Color

48.6111, 41.3294, 23.5044

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.7935, 40.8455, 36.2531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6111, 41.3294, 23.5044 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(234, 152, 121)` looks like.

```
.text, #text, p{  
    color:rgb(234, 152, 121)  
}
```

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(234, 152, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 152, 121) }
```

Border

The CSS property to change the border of an element to XYZ 48.6111, 41.3294, 23.5044 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(234, 152, 121) }
```


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

```
.border{ border-color:rgb(234, 152, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 152, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 152, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 152, 121);  
box-shadow:4px 4px 4px 4px rgb(234, 152,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6111, 41.3294, 23.5044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 152, 121) }
```

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

```
.background{ background-color: rgb(234,  
152, 121) }
```

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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