

Converting Colors

$Y_{xy}(45.7275, 0.4220, 0.3689)$

Have a look what the booklet for
Yxy(45.7275, 0.4220, 0.3689)
contains.

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Color

Yxy(45.6977, 0.4224, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	EFA27E
RGB	239, 162, 126
RGB Percent	94%, 64%, 49%
CMY	0.0627, 0.3647, 0.5060
CMYK	0.00, 0.32, 0.47, 0.06
HSL	19°, 78%, 72%
HSV	19°, 47%, 94%
XYZ	52.2825, 45.6977, 25.7947
YIQ	180.9190, 57.4480, 5.1280

Conversions

Conversions Part 2

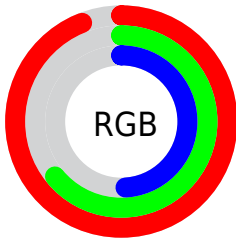
Format	Color
R _Y B	239, 179, 126
Decimal	15704702
CIE Lab	73.35, 24.55, 30.30
CIE LCh	73, 38.998, 50.979
Yxy	45.6977, 0.4224, 0.3692
Android (android.graphics.Color)	4293894782 (0xFFEFA27E)
YUV	180.9190, -27.0751, 50.9370
Hunter-Lab	67.6001, 19.7534, 24.6963

Details

The Yxy color **45.6977, 0.4224, 0.3692** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **53.3651, 0.2416, 0.2832**, and the grayscale version is **46.2885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1404, 0.3684, 0.3682**, and **21.3770, 0.4534, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **39.7852, 0.4561, 0.3762**, and if you desaturate by 10%, it is **52.5048, 0.3922, 0.3608**.

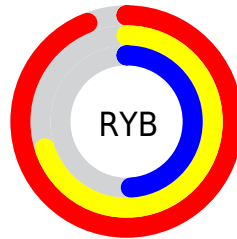
Distribution



Red (94%)

Green (64%)

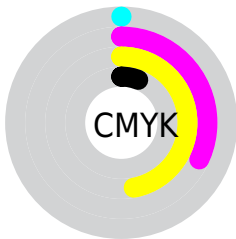
Blue (49%)



Red (94%)

Yellow (70%)

Blue (49%)

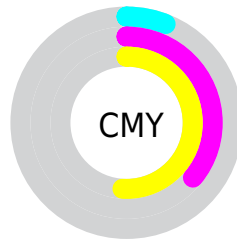


Cyan (0%)

Magenta (32%)

Yellow (47%)

Black (6%)



Cyan (6%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6977, 0.4224, 0.3692 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 Yxy color 45.6977, 0.4224, 0.3692 by changing the saturation by 10% instead.


 45.6977, 0.4224,
0.3692


 45.6977, 0.4224,
0.3692


369.5920, 0.3672,
0.3517


 32.0073, 0.4360,
0.3726


 83.7664, 0.4024,
0.3636

 21.3671, 0.4532,
0.3763


 108.9135, 0.3949,
0.3612

 13.3926, 0.4756,
0.3801


 138.6484, 0.3885,
0.3592

 7.6994, 0.5054,
0.3832

173.3553, 0.3830,
0.3573

 3.9032, 0.5475,
0.3840

213.4187, 0.3783,
0.3557

 1.6196, 0.6181,
0.3819

259.2231, 0.3741,

 0.3707, 0.7207,

0.3542

0.2793

311.1527, 0.3704,
0.3529

0.0000, 0.0000,
0.0000

45.6977, 0.4224,
0.3692

45.6977, 0.4224,
0.3692

39.7852, 0.4561,
0.3762

52.5048, 0.3922,
0.3608

34.7215, 0.4923,
0.3808

60.2361, 0.3660,
0.3520

30.4667, 0.5285,
0.3816

68.9281, 0.3436,
0.3432

26.9743, 0.5615,
0.3777

78.6132, 0.3247,
0.3348

24.1910, 0.5879,
0.3690

89.3222, 0.3086,
0.3269

■ 23.5464, 0.5943,
0.3663

■ 97.0914, 0.3029,
0.3290

Harmonies

Analogous

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



45.6977, 0.4066, 0.3262



45.6977, 0.4224, 0.3692



45.6977, 0.4058, 0.4072

Triad

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



45.6977, 0.4224, 0.3692



45.6977, 0.2608, 0.3763



45.6977, 0.2570, 0.2430

Complementary

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



45.6977, 0.4224, 0.3692



53.3651, 0.2416, 0.2832

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.



45.6977, 0.2246, 0.2480



45.6977, 0.4224, 0.3692



45.6977, 0.2263, 0.3207

Square

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



45.6977, 0.4224, 0.3692



45.6977, 0.3110, 0.4184



45.6977, 0.2139, 0.2743



45.6977, 0.3067, 0.2571

Rectangle

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



45.6977, 0.4224, 0.3692



45.6977, 0.3801, 0.4240



45.6977, 0.2139, 0.2743



45.6977, 0.2440, 0.2424

Sweetspot

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



45.7000, 0.4224, 0.3692



83.3633, 0.3371, 0.3404



37.5887, 0.3532, 0.2465



17.3386, 0.3414, 0.3423



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.7000, 0.4224, 0.3692



46.1498, 0.4558, 0.3762



70.1464, 0.3921, 0.4264



16.5813, 0.3285, 0.3366



13.2206, 0.5914, 0.3686



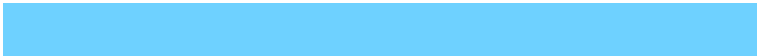
1.2725, 0.5658, 0.3890

Inverse Universe

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



53.3651, 0.2416, 0.2832



55.9497, 0.2289, 0.2716



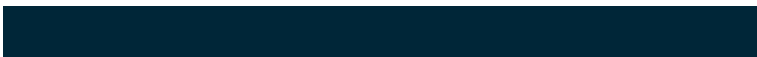
31.4393, 0.2275, 0.2069



17.0297, 0.2981, 0.3213



18.1296, 0.1949, 0.2214



1.6866, 0.1993, 0.2373

Previews

White Background



This preview shows how the Yxy color 45.6977, 0.4224, 0.3692 looks on a white background.

Color Contrast Check

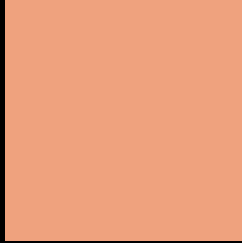
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 45.6977, 0.4224, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

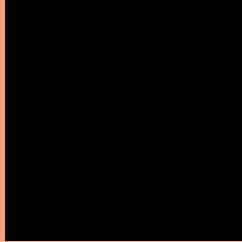
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6977, 0.4224, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 45.6977, 0.4224, 0.3692.



This preview shows how white text looks on a background with the Yxy color 45.6977, 0.4224, 0.3692.

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

45.6977, 0.4224, 0.3692

Protanopia

45.8331, 0.3638, 0.3889

Deuteranopia

45.9413, 0.3964, 0.3883



Tritanopia

45.6588, 0.3870, 0.3160

Trichromacy



Original Color

45.6977, 0.4224, 0.3692

Protanomaly

45.2275, 0.3845, 0.3812

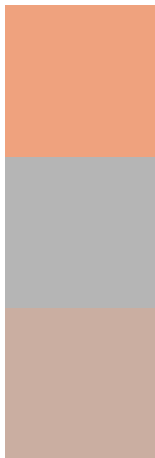
Deuteranomaly

45.7039, 0.4053, 0.3809

Tritanomaly

45.6309, 0.4006, 0.3348

Monochromacy



Original Color

45.6977, 0.4224, 0.3692

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4019, 0.3495, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6977, 0.4224, 0.3692 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(239, 162, 126)` looks like.

```
.text, #text, p{  
    color:rgb(239, 162, 126)  
}
```

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(239, 162, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 162, 126) }
```

Border

The CSS property to change the border of an element to Yxy 45.6977, 0.4224, 0.3692 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(239, 162, 126) }
```

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

```
.border{ border-color:rgb(239, 162, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 162, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 162, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 162, 126);  
box-shadow:4px 4px 4px 4px rgb(239, 162,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6977, 0.4224, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 162, 126) }
```

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

```
.background{ background-color: rgb(239,  
162, 126) }
```

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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