

Converting Colors

$Yxy(45.2377, 0.4109, 0.3728)$

Have a look what the booklet for
Yxy(45.2377, 0.4109, 0.3728)
contains.

Yxy(45.2656, 0.4113, 0.3730)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.2656, 0.4113, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	E6A57F
RGB	230, 165, 127
RGB Percent	90%, 65%, 50%
CMY	0.0981, 0.3529, 0.5021
CMYK	0.00, 0.28, 0.45, 0.10
HSL	22°, 67%, 70%
HSV	22°, 45%, 90%
XYZ	49.9135, 45.2656, 26.1764
YIQ	180.1030, 50.9380, 1.9620

Conversions

Conversions Part 2

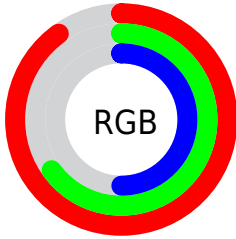
Format	Color
R _Y B	230, 187, 127
Decimal	15115647
CIE Lab	73.07, 19.49, 29.20
CIE LCh	73, 35.108, 56.285
Yxy	45.2656, 0.4113, 0.3730
Android (android.graphics.Color)	4293305727 (0xFFE6A57F)
YUV	180.1030, -26.1798, 43.7597
Hunter-Lab	67.2797, 14.6862, 24.0280

Details

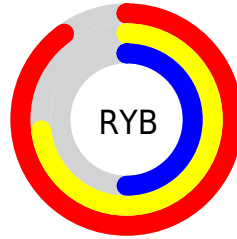
The Yxy color **45.2656, 0.4113, 0.3730** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.8962, 0.2439, 0.2790**, and the grayscale version is **45.8228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7417, 0.3668, 0.3701**, and **21.1167, 0.4395, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **39.7952, 0.4423, 0.3817**, and if you desaturate by 10%, it is **51.4707, 0.3835, 0.3631**.

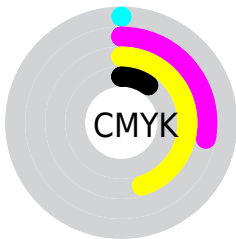
Distribution



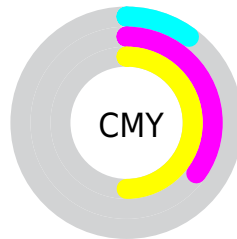
- Red (90%)
- Green (65%)
- Blue (50%)



- Red (90%)
- Yellow (73%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (10%)





- Cyan (10%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2656, 0.4113, 0.3730 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 45.2656, 0.4113, 0.3730 by changing the saturation by 10% instead.


 45.2656, 0.4113,
0.3730


 45.2656, 0.4113,
0.3730


367.8482, 0.3616,
0.3531

 31.6667, 0.4236,
0.3772


 83.1188, 0.3933,
0.3663

 21.1070, 0.4392,
0.3820


 108.1419, 0.3865,
0.3636

 13.2023, 0.4595,
0.3875


 137.7419, 0.3808,
0.3613

 7.5680, 0.4867,
0.3931

172.3031, 0.3758,
0.3592

 3.8198, 0.5252,
0.3978

212.2099, 0.3716,
0.3574

 1.5733, 0.5946,
0.4054

257.8468, 0.3678,

 0.3395, 0.7017,

0.3558

0.2983

309.5981, 0.3646,
0.3544

0.0000, 0.0000,
0.0000

45.2656, 0.4113,
0.3730

45.2656, 0.4113,
0.3730

39.7952, 0.4423,
0.3817

51.4707, 0.3835,
0.3631

35.0238, 0.4757,
0.3882

58.4313, 0.3592,
0.3529

30.9222, 0.5096,
0.3911

66.1754, 0.3382,
0.3429

27.4559, 0.5415,
0.3893

74.7275, 0.3203,
0.3334

24.5862, 0.5685,
0.3823

84.1111, 0.3051,
0.3244

■ 23.3064, 0.5806,
0.3772

■ 93.6898, 0.2975,
0.3260

■ 95.5600, 0.2976,
0.3290

Harmonies

Analogous

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



45.2656, 0.4021, 0.3340



45.2656, 0.4113, 0.3730



45.2656, 0.3920, 0.4052

Triad

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



45.2656, 0.4113, 0.3730



45.2656, 0.2590, 0.3631



45.2656, 0.2693, 0.2515

Complementary

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



45.2656, 0.4113, 0.3730



47.8962, 0.2439, 0.2790

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.



45.2656, 0.2363, 0.2531



45.2656, 0.4113, 0.3730



45.2656, 0.2305, 0.3135

Square

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



45.2656, 0.4113, 0.3730



45.2656, 0.3030, 0.4041



45.2656, 0.2228, 0.2741



45.2656, 0.3164, 0.2672

Rectangle

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



45.2656, 0.4113, 0.3730



45.2656, 0.3668, 0.4172



45.2656, 0.2228, 0.2741



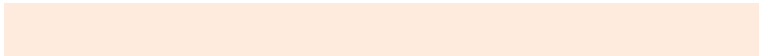
45.2656, 0.2564, 0.2500

Sweetspot

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



45.2678, 0.4113, 0.3730



85.4241, 0.3349, 0.3412



35.8078, 0.3558, 0.2561



17.7922, 0.3392, 0.3434



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.



45.2678, 0.4113, 0.3730



50.6130, 0.4408, 0.3813



67.5906, 0.3852, 0.4263



15.2353, 0.3283, 0.3377



13.4113, 0.5777, 0.3795



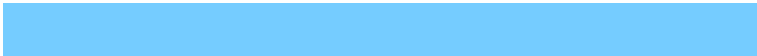
1.1640, 0.5501, 0.4014

Inverse Universe

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



47.8962, 0.2439, 0.2790



54.2786, 0.2307, 0.2662



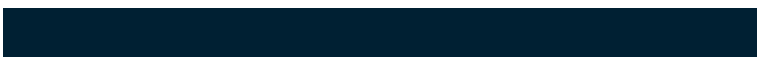
29.1868, 0.2315, 0.2078



15.3946, 0.2981, 0.3201



14.9513, 0.1899, 0.2036



1.2810, 0.1956, 0.2240

Previews

White Background



This preview shows how the Yxy color 45.2656, 0.4113, 0.3730 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 45.2656, 0.4113, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

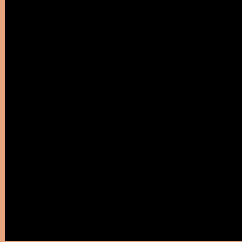
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2656, 0.4113, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 45.2656, 0.4113, 0.3730.



This preview shows how white text looks on a background with the Yxy color 45.2656, 0.4113, 0.3730.

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

45.2656, 0.4113, 0.3730

Protanopia

45.6734, 0.3637, 0.3904

Deuteranopia

45.3075, 0.3933, 0.3853



Tritanopia

45.2290, 0.3745, 0.3155

Trichromacy



Original Color

45.2656, 0.4113, 0.3730

Protanomaly

45.4204, 0.3798, 0.3843

Deuteranomaly

45.0979, 0.4006, 0.3805

Tritanomaly

45.1799, 0.3888, 0.3361

Monochromacy



Original Color

45.2656, 0.4113, 0.3730

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2389, 0.3456, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2656, 0.4113, 0.3730 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(230, 165, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 165, 127)  
}
```

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(230, 165, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 165, 127) }
```

Border

The CSS property to change the border of an element to Yxy 45.2656, 0.4113, 0.3730 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(230, 165, 127) }
```

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

```
.border{ border-color:rgb(230, 165, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 165, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 165, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 165, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 165,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2656, 0.4113, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 165, 127) }
```

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

```
.background{ background-color: rgb(230,  
165, 127) }
```

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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