

Converting Colors

$Y_{xy}(42.4944, 0.4226, 0.3610)$

Have a look what the booklet for
Yxy(42.4944, 0.4226, 0.3610)
contains.

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Color

Yxy(42.6112, 0.4227, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	EB9B7E
RGB	235, 155, 126
RGB Percent	92%, 61%, 49%
CMY	0.0783, 0.3922, 0.5059
CMYK	0.00, 0.34, 0.46, 0.08
HSL	16°, 73%, 71%
HSV	16°, 46%, 92%
XYZ	49.7562, 42.6112, 25.3431
YIQ	175.6140, 56.9890, 7.9410

Conversions

Conversions Part 2

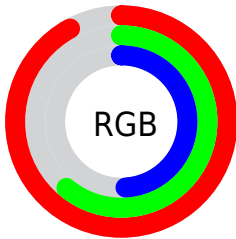
Format	Color
R _Y B	235, 166, 126
Decimal	15440766
CIE Lab	71.29, 26.72, 27.47
CIE LCh	71, 38.324, 45.799
Yxy	42.6112, 0.4227, 0.3620
Android (android.graphics.Color)	4293630846 (0xFFEB9B7E)
YUV	175.6140, -24.4597, 52.0815
Hunter-Lab	65.2773, 21.8227, 22.6755

Details

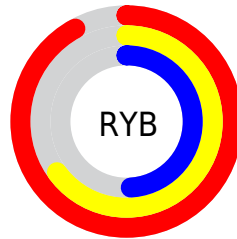
The Yxy color **42.6112, 0.4227, 0.3620** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **54.6024, 0.2443, 0.2919**, and the grayscale version is **43.3135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6079, 0.3705, 0.3612**, and **19.4664, 0.4540, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **36.7377, 0.4581, 0.3679**, and if you desaturate by 10%, it is **49.4521, 0.3915, 0.3550**.

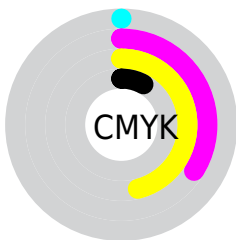
Distribution



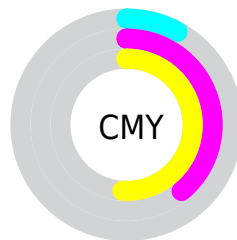
- Red (92%)
- Green (61%)
- Blue (49%)



- Red (92%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (8%)





- Cyan (8%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6112, 0.4227, 0.3620 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 42.6112, 0.4227, 0.3620 by changing the saturation by 10% instead.


 42.6112, 0.4227,
0.3620

 42.6112, 0.4227,
0.3620


357.0104, 0.3666,
0.3479


 29.5802, 0.4368,
0.3646


 79.1238, 0.4022,
0.3575

 19.5201, 0.4548,
0.3674


 103.3742, 0.3945,
0.3556

 12.0467, 0.4785,
0.3699


 132.1332, 0.3880,
0.3540

 6.7755, 0.5108,
0.3714

165.7851, 0.3825,
0.3525

 3.3221, 0.5580,
0.3701

204.7144, 0.3777,
0.3511

 1.3021, 0.6372,
0.3628

249.3054, 0.3735,

 0.1428, 0.8465,

0.3499

0.1535

299.9426, 0.3698,
0.3489

0.0000, 0.0000,
0.0000

42.6112, 0.4227,
0.3620

42.6112, 0.4227,
0.3620

36.7377, 0.4581,
0.3679

49.4521, 0.3915,
0.3550

31.7805, 0.4964,
0.3716

57.2959, 0.3647,
0.3476

27.6933, 0.5351,
0.3719

66.1838, 0.3421,
0.3402

24.4224, 0.5704,
0.3680

76.1528, 0.3231,
0.3332

21.9072, 0.5983,
0.3598

87.2382, 0.3073,
0.3267

■ 21.1651, 0.6067,
0.3565

■ 96.4075, 0.3006,
0.3290

Harmonies

Analogous

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



42.6112, 0.4012, 0.3189



42.6112, 0.4227, 0.3620



42.6112, 0.4113, 0.4018

Triad

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



42.6112, 0.4227, 0.3620



42.6112, 0.2683, 0.3856



42.6112, 0.2496, 0.2419

Complementary

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



42.6112, 0.4227, 0.3620



54.6024, 0.2443, 0.2919

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.



42.6112, 0.2207, 0.2505



42.6112, 0.4227, 0.3620



42.6112, 0.2303, 0.3302

Square

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



42.6112, 0.4227, 0.3620



42.6112, 0.3204, 0.4232



42.6112, 0.2139, 0.2807



42.6112, 0.2971, 0.2530

Rectangle

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



42.6112, 0.4227, 0.3620



42.6112, 0.3880, 0.4211



42.6112, 0.2139, 0.2807



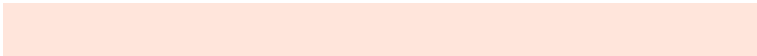
42.6112, 0.2377, 0.2425

Sweetspot

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



42.6133, 0.4227, 0.3620



82.3129, 0.3374, 0.3386



37.1341, 0.3445, 0.2409



17.0849, 0.3418, 0.3401



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.



42.6133, 0.4227, 0.3620



44.2985, 0.4576, 0.3678



64.1763, 0.3940, 0.4177



15.7053, 0.3286, 0.3353



11.9543, 0.6039, 0.3587



1.0923, 0.5769, 0.3802

Inverse Universe

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



54.6024, 0.2443, 0.2919



60.3237, 0.2322, 0.2825



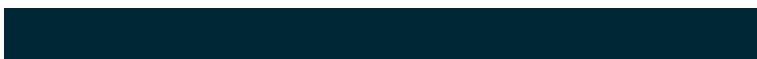
33.3050, 0.2312, 0.2198



16.4050, 0.2981, 0.3226



20.0916, 0.2001, 0.2405



1.7339, 0.2040, 0.2542

Previews

White Background



This preview shows how the Yxy color 42.6112, 0.4227, 0.3620 looks on a white background.

Color Contrast Check

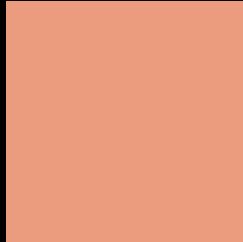
Large Text (above 18pt) WCAG AA × Fail

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 42.6112, 0.4227, 0.3620 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 42.6112, 0.4227, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 42.6112, 0.4227, 0.3620.



This preview shows how white text looks on a background with the Yxy color 42.6112, 0.4227, 0.3620.

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

42.6112, 0.4227, 0.3620

Protanopia

42.9740, 0.3580, 0.3828

Deuteranopia

42.8704, 0.3913, 0.3843



Tritanopia

42.5630, 0.3916, 0.3169

Trichromacy



Original Color

42.6112, 0.4227, 0.3620

Protanomaly

42.5086, 0.3800, 0.3750

Deuteranomaly

42.5805, 0.4027, 0.3751

Tritanomaly

42.5991, 0.4035, 0.3338

Monochromacy



Original Color

42.6112, 0.4227, 0.3620

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.3442, 0.3490, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6112, 0.4227, 0.3620 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(235, 155, 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(235, 155, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 155, 126) }
```

Border

The CSS property to change the border of an element to Yxy 42.6112, 0.4227, 0.3620 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, 126) }
```

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

```
.border{ border-color:rgb(235, 155, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 155, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 155, 126);  
box-shadow:4px 4px 4px 4px rgb(235, 155,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6112, 0.4227, 0.3620 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, 126) }
```

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

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