

Converting Colors

$Yxy(43.7617, 0.3924, 0.4345)$

Have a look what the booklet for
Yxy(43.7617, 0.3924, 0.4345)
contains.

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Color

Yxy(43.7617, 0.3924, 0.4345)

Conversions

Conversions Part 1

Format	Color
Hex	BFB260
RGB	191, 178, 96
RGB Percent	75%, 70%, 38%
CMY	0.2509, 0.3020, 0.6235
CMYK	0.00, 0.07, 0.50, 0.25
HSL	52°, 43%, 56%
HSV	52°, 50%, 75%
XYZ	39.5215, 43.7617, 17.4342
YIQ	172.5390, 34.0700, -22.7460

Conversions

Conversions Part 2

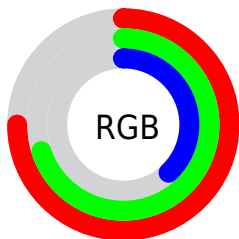
Format	Color
RYB	111, 191, 96
Decimal	12563040
CIELab	72.07, -6.41, 43.24
CIElCh	72, 43.712, 98.436
Yxy	43.7617, 0.3924, 0.4345
Android (android.graphics.Color)	4290753120 (0xFFBFB260)
YUV	172.5390, -37.7337, 16.1903
Hunter-Lab	66.1526, -9.1260, 30.6813

Details

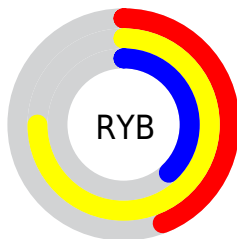
The Yxy color **43.7617, 0.3924, 0.4345** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.1955, 0.2227, 0.1943**, and the grayscale version is **41.7277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1235, 0.3791, 0.4166**, and **20.2699, 0.4100, 0.4631** is the 20% darker color. If you saturate the color by 10%, you get **42.4217, 0.4074, 0.4521**, and if you desaturate by 10%, it is **45.2111, 0.3763, 0.4145**.

Distribution



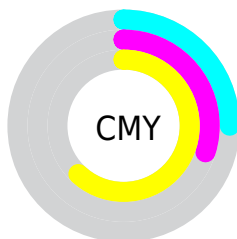
- Red (75%)
- Green (70%)
- Blue (38%)



- Red (44%)
- Yellow (75%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (50%)
- Black (25%)





- Cyan (25%)
- Magenta (30%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7617, 0.3924, 0.4345 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 43.7617, 0.3924, 0.4345 by changing the saturation by 10% instead.


 43.7617, 0.3924,
0.4345


 43.7617, 0.3924,
0.4345


361.7350, 0.3541,
0.3821


 30.4832, 0.4009,
0.4469


 80.8590, 0.3791,
0.4158

 20.2056, 0.4111,
0.4622


 105.4467, 0.3739,
0.4087

 12.5446, 0.4229,
0.4810

 134.5728, 0.3695,
0.4026

 7.1157, 0.4361,
0.5042

 168.6219, 0.3656,
0.3973

 3.5346, 0.4575,
0.5425

207.9782, 0.3622,
0.3928

 1.4168, 0.4467,
0.5533

253.0262, 0.3592,

 0.2290, 0.2107,

0.3888

0.7893

304.1504, 0.3565,
0.3852

0.0000, 0.0000,
0.0000

43.7617, 0.3924,
0.4345

43.7617, 0.3924,
0.4345

42.4217, 0.4074,
0.4521

45.2111, 0.3763,
0.4145

41.1786, 0.4207,
0.4664

46.7697, 0.3597,
0.3931

40.0272, 0.4316,
0.4766


48.4447, 0.3432,
0.3712


38.9589, 0.4398,
0.4823


50.2410, 0.3274,
0.3495

37.9575, 0.4456,
0.4842


52.1632, 0.3123,
0.3285

 37.9312, 0.4458,
0.4843

 54.2156, 0.2983,
0.3085

 56.4024, 0.2855,
0.2899

 58.7273, 0.2738,
0.2726

 60.3327, 0.2704,
0.2694

Harmonies

Analogous

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



43.7617, 0.4299, 0.3994



43.7617, 0.3924, 0.4345



43.7617, 0.3356, 0.4412

Triad

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



43.7617, 0.3924, 0.4345



43.7617, 0.2045, 0.2857



43.7617, 0.3428, 0.2658

Complementary

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



43.7617, 0.3924, 0.4345



17.1955, 0.2227, 0.1943

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.



43.7617, 0.2802, 0.2396



43.7617, 0.3924, 0.4345



43.7617, 0.2060, 0.2467

Square

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



43.7617, 0.3924, 0.4345



43.7617, 0.2285, 0.3455



43.7617, 0.2320, 0.2321



43.7617, 0.4017, 0.3058

Rectangle

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



43.7617, 0.3924, 0.4345



43.7617, 0.2949, 0.4230



43.7617, 0.2320, 0.2321



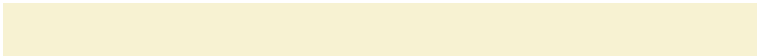
43.7617, 0.3213, 0.2553

Sweetspot

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



43.7637, 0.3924, 0.4345



88.1657, 0.3360, 0.3614



20.5795, 0.4294, 0.3100



19.2113, 0.3394, 0.3660



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.7637, 0.3924, 0.4345



75.6820, 0.4092, 0.4540



45.3597, 0.3546, 0.4621



10.8915, 0.3268, 0.3486



25.0099, 0.4454, 0.4846



1.0421, 0.4382, 0.4902

Inverse Universe

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



17.1955, 0.2227, 0.1943



22.6463, 0.2009, 0.1590



16.8197, 0.2497, 0.1851



9.4306, 0.2984, 0.3086



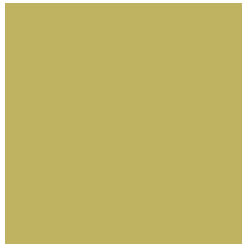
3.0332, 0.1533, 0.0720



0.1879, 0.1629, 0.1064

Previews

White Background



This preview shows how the Yxy color 43.7617, 0.3924, 0.4345 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 43.7617, 0.3924, 0.4345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

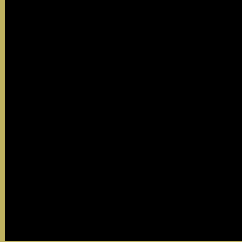
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7617, 0.3924, 0.4345

Background



This preview shows how black text looks on a background with the Yxy color 43.7617, 0.3924, 0.4345.



This preview shows how white text looks on a background with the Yxy color 43.7617, 0.3924, 0.4345.

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

43.7617, 0.3924, 0.4345

Protanopia

43.8909, 0.3969, 0.4318

Deuteranopia

43.4860, 0.4216, 0.4117



Tritanopia

43.6208, 0.3309, 0.3127

Trichromacy



Original Color

43.7617, 0.3924, 0.4345

Protanomaly

43.7581, 0.3959, 0.4322

Deuteranomaly

43.6335, 0.4110, 0.4205

Tritanomaly

43.5774, 0.3552, 0.3576

Monochromacy



Original Color

43.7617, 0.3924, 0.4345

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4076, 0.3427, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7617, 0.3924, 0.4345 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(191, 178, 96)` looks like.

```
.text, #text, p{  
    color:rgb(191, 178, 96)  
}
```

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(191, 178, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 178, 96) }
```

Border

The CSS property to change the border of an element to Yxy 43.7617, 0.3924, 0.4345 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(191, 178, 96) }
```

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

```
.border{ border-color:rgb(191, 178, 96) }
```

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

Here you see how a box with a 4 pixel rgb(191, 178, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 178, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 178, 96);  
box-shadow:4px 4px 4px 4px rgb(191, 178,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7617, 0.3924, 0.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 178, 96) }
```

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

```
.background{ background-color: rgb(191,  
178, 96) }
```

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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