

Converting Colors

$Yxy(56.9596, 0.3762, 0.3862)$

Have a look what the booklet for
Yxy(56.9596, 0.3762, 0.3862)
contains.

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Color

Yxy(56.9218, 0.3763, 0.3868)

Conversions

Conversions Part 1

Format	Color
Hex	E0C391
RGB	224, 195, 145
RGB Percent	88%, 76%, 57%
CMY	0.1214, 0.2353, 0.4313
CMYK	0.00, 0.13, 0.35, 0.12
HSL	38°, 56%, 72%
HSV	38°, 35%, 88%
XYZ	55.3766, 56.9218, 34.8624
YIQ	197.9710, 33.3340, -9.4020

Conversions

Conversions Part 2

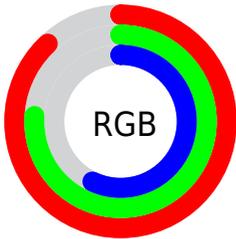
Format	Color
R _Y B	191, 224, 145
Decimal	14730129
CIE Lab	80.14, 3.23, 28.93
CIE LCh	80, 29.107, 83.633
Yxy	56.9218, 0.3763, 0.3868
Android (android.graphics.Color)	4292920209 (0xFFE0C391)
YUV	197.9710, -26.1147, 22.8274
Hunter-Lab	75.4465, -1.0152, 25.4158

Details

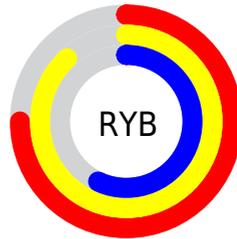
The Yxy color **56.9218, 0.3763, 0.3868** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.7032, 0.2542, 0.2632**, and the grayscale version is **56.6043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3779, 0.3468, 0.3803**, and **28.1827, 0.3931, 0.4001** is the 20% darker color. If you saturate the color by 10%, you get **52.7106, 0.3978, 0.4031**, and if you desaturate by 10%, it is **61.4782, 0.3561, 0.3700**.

Distribution



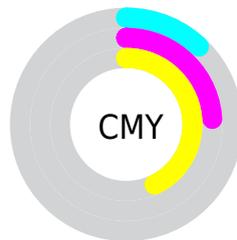
- Red (88%)
- Green (76%)
- Blue (57%)



- Red (75%)
- Yellow (88%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9218, 0.3763, 0.3868 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 56.9218, 0.3763, 0.3868 by changing the saturation by 10% instead.

 56.9218, 0.3763,
0.3868

 56.9218, 0.3763,
0.3868

413.1562, 0.3458,
0.3594

 40.9425, 0.3835,
0.3931

 100.3511, 0.3655,
0.3772

 28.2741, 0.3923,
0.4008

 128.5698, 0.3614,
0.3735

 18.5324, 0.4036,
0.4106

161.6371, 0.3579,
0.3704

 11.3329, 0.4183,
0.4230

199.9374, 0.3548,
0.3676

 6.2912, 0.4379,
0.4390

243.8551, 0.3521,
0.3652

 3.0230, 0.4713,
0.4663

293.7745, 0.3497,

 1.1437, 0.5085,

0.3630

0.4915

350.0801, 0.3476,
0.3611

0.0150, 0.8611,
0.1389

0.0000, 0.0000,
0.0000

56.9218, 0.3763,
0.3868

56.9218, 0.3763,
0.3868

52.7106, 0.3978,
0.4031

61.4782, 0.3561,
0.3700

48.8253, 0.4201,
0.4178

66.3824, 0.3376,
0.3533

45.2563, 0.4422,
0.4300

71.6470, 0.3208,
0.3372

41.9903, 0.4633,
0.4383

77.2814, 0.3058,
0.3219

 39.0121, 0.4820,
0.4419

 83.1629, 0.2936,
0.3097

 36.3036, 0.4974,
0.4402

 88.0200, 0.2938,
0.3182

 35.1047, 0.5039,
0.4381

 93.0988, 0.2940,
0.3266

 94.5938, 0.2941,
0.3289

Harmonies

Analogous

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



56.9218, 0.3887, 0.3619



56.9218, 0.3763, 0.3868



56.9218, 0.3468, 0.3975

Triad

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



56.9218, 0.3763, 0.3868



56.9218, 0.2500, 0.3211



56.9218, 0.3126, 0.2788

Complementary

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



56.9218, 0.3763, 0.3868



41.7032, 0.2542, 0.2632

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.



56.9218, 0.2765, 0.2676



56.9218, 0.3763, 0.3868



56.9218, 0.2421, 0.2894

Square

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



56.9218, 0.3763, 0.3868



56.9218, 0.2740, 0.3582



56.9218, 0.2514, 0.2708



56.9218, 0.3508, 0.3014

Rectangle

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



56.9218, 0.3763, 0.3868



56.9218, 0.3220, 0.3932



56.9218, 0.2514, 0.2708



56.9218, 0.2998, 0.2736

Sweetspot

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



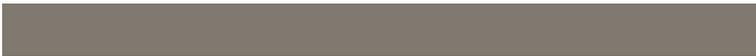
56.9244, 0.3763, 0.3868



91.9197, 0.3304, 0.3464



39.2170, 0.3642, 0.2936



19.4704, 0.3327, 0.3486



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.



56.9244, 0.3763, 0.3868



72.3165, 0.3913, 0.3983



69.7979, 0.3585, 0.4188



15.1381, 0.3276, 0.3438



20.6518, 0.5023, 0.4394



1.6006, 0.4862, 0.4522

Inverse Universe

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



41.7032, 0.2542, 0.2632



49.1625, 0.2418, 0.2473



32.5331, 0.2560, 0.2253



14.0643, 0.2981, 0.3138



6.8768, 0.1660, 0.1177



0.6436, 0.1746, 0.1487

Previews

White Background



This preview shows how the Yxy color 56.9218, 0.3763, 0.3868 looks on a white background.

Color Contrast Check

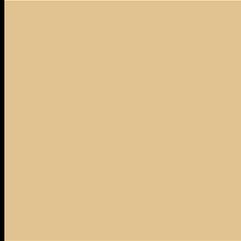
Large Text (above 18pt) WCAG AA × Fail

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 56.9218, 0.3763, 0.3868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

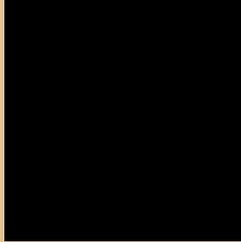
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

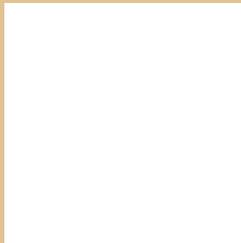
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9218, 0.3763, 0.3868

Background



This preview shows how black text looks on a background with the Yxy color 56.9218, 0.3763, 0.3868.



This preview shows how white text looks on a background with the Yxy color 56.9218, 0.3763, 0.3868.

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

56.9218, 0.3763, 0.3868

Protanopia

57.0996, 0.3638, 0.3909

Deuteranopia

56.9991, 0.3866, 0.3795



Tritanopia

56.6279, 0.3368, 0.3124

Trichromacy



Original Color

56.9218, 0.3763, 0.3868

Protanomaly

57.2152, 0.3683, 0.3903

Deuteranomaly

56.7635, 0.3828, 0.3812

Tritanomaly

56.6571, 0.3519, 0.3393

Monochromacy



Original Color

56.9218, 0.3763, 0.3868

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4526, 0.3344, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9218, 0.3763, 0.3868 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(224, 195, 145)` looks like.

```
.text, #text, p{  
    color:rgb(224, 195, 145)  
}
```

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(224, 195, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 195, 145) }
```

Border

The CSS property to change the border of an element to Yxy 56.9218, 0.3763, 0.3868 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(224, 195, 145) }
```

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

```
.border{ border-color:rgb(224, 195, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 195, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 195, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 195, 145);  
box-shadow:4px 4px 4px 4px rgb(224, 195,  
145) }
```

Background

The CSS property to change the background color of an element to Yxy 56.9218, 0.3763, 0.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 195, 145) }
```

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

```
.background{ background-color: rgb(224,  
195, 145) }
```

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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