

Converting Colors

Yxy(54.9254, 0.3992, 0.3953)

Have a look what the booklet for
Yxy(54.9254, 0.3992, 0.3953)
contains.

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Color

Yxy(54.7072, 0.3992, 0.3954)

Conversions

Conversions Part 1

Format	Color
Hex	E8BC81
RGB	232, 188, 129
RGB Percent	91%, 74%, 51%
CMY	0.0901, 0.2628, 0.4941
CMYK	0.00, 0.19, 0.44, 0.09
HSL	34°, 69%, 71%
HSV	34°, 44%, 91%
XYZ	55.2330, 54.7072, 28.4190
YIQ	194.4300, 45.1630, -9.0210

Conversions

Conversions Part 2

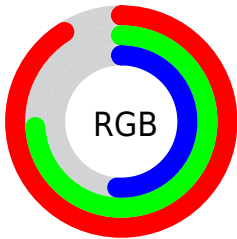
Format	Color
RYB	206, 232, 129
Decimal	15252609
CIELab	78.87, 8.31, 35.76
CIELCh	79, 36.712, 76.915
Yxy	54.7072, 0.3992, 0.3954
Android (android.graphics.Color)	4293442689 (0xFFE8BC81)
YUV	194.4300, -32.2570, 32.9489
Hunter-Lab	73.9643, 3.8576, 28.9943

Details

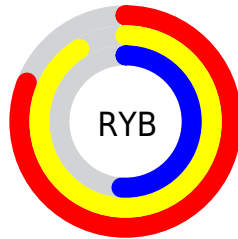
The Yxy color $54.7072, 0.3992, 0.3954$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $40.4017, 0.2394, 0.2508$, and the grayscale version is $54.3949, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.3803, 0.3583, 0.3899$, and $26.8911, 0.4199, 0.4102$ is the 20% darker color. If you saturate the color by 10%, you get $50.0680, 0.4233, 0.4091$, and if you desaturate by 10%, it is $59.7830, 0.3764, 0.3804$.

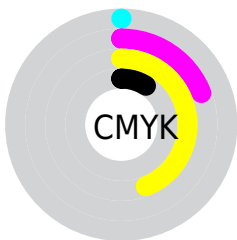
Distribution



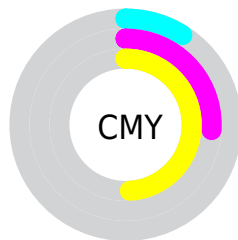
- Red (91%)
- Green (74%)
- Blue (51%)



- Red (81%)
- Yellow (91%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (44%)
- Black (9%)



- Cyan (9%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7072, 0.3992, 0.3954 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 54.7072, 0.3992, 0.3954 by changing the saturation by 10% instead.


 54.7072, 0.3992,
0.3954


 54.7072, 0.3992,
0.3954


404.8011, 0.3575,
0.3646


 39.1673, 0.4089,
0.4022


 97.1118, 0.3845,
0.3849

 26.8899, 0.4209,
0.4103


 124.7454, 0.3789,
0.3807

 17.4906, 0.4359,
0.4201


 157.1790, 0.3740,
0.3771

 10.5849, 0.4551,
0.4317

194.7970, 0.3698,
0.3740

 5.7884, 0.4798,
0.4449

237.9838, 0.3662,
0.3712

 2.7169, 0.5276,
0.4724

287.1238, 0.3630,

 0.9858, 0.5432,

0.3688

0.4568

342.6014, 0.3601,
0.3666

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7072, 0.3992,
0.3954

54.7072, 0.3992,
0.3954

50.0680, 0.4233,
0.4091

59.7830, 0.3764,
0.3804

45.8421, 0.4480,
0.4202

65.3019, 0.3554,
0.3650

42.0155, 0.4719,
0.4277


71.2801, 0.3364,
0.3498


38.5692, 0.4938,
0.4304


77.7303, 0.3195,
0.3352

 35.4817, 0.5123,
0.4276

 84.6645, 0.3046,
0.3214

 33.8940, 0.5214,
0.4242

 91.2131, 0.2987,
0.3215

 95.9016, 0.2988,
0.3290

Harmonies

Analogous

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



54.7072, 0.4098, 0.3607



54.7072, 0.3992, 0.3954



54.7072, 0.3650, 0.4158

Triad

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



54.7072, 0.3992, 0.3954



54.7072, 0.2386, 0.3287



54.7072, 0.3010, 0.2618

Complementary

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



54.7072, 0.3992, 0.3954



40.4017, 0.2394, 0.2508

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.



54.7072, 0.2581, 0.2513



54.7072, 0.3992, 0.3954



54.7072, 0.2244, 0.2855

Square

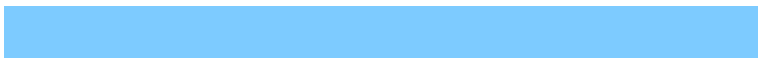
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.7072, 0.3992, 0.3954



54.7072, 0.2722, 0.3769



54.7072, 0.2313, 0.2588



54.7072, 0.3507, 0.2869

Rectangle

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



54.7072, 0.3992, 0.3954



54.7072, 0.3345, 0.4156



54.7072, 0.2313, 0.2588



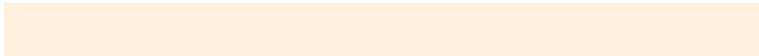
54.7072, 0.2854, 0.2565

Sweetspot

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



54.7098, 0.3992, 0.3954



89.3353, 0.3341, 0.3478



35.9063, 0.3782, 0.2786



18.7554, 0.3380, 0.3511



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.



54.7098, 0.3992, 0.3954



62.6477, 0.4206, 0.4076



75.3520, 0.3734, 0.4401



15.7311, 0.3278, 0.3425



19.0653, 0.5193, 0.4259



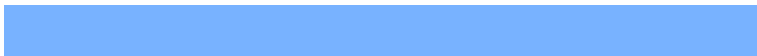
1.5923, 0.5007, 0.4406

Inverse Universe

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



40.4017, 0.2394, 0.2508



42.8937, 0.2247, 0.2316



26.7542, 0.2340, 0.1923



14.8951, 0.2981, 0.3152



8.4455, 0.1708, 0.1349



0.8053, 0.1787, 0.1634

Previews

White Background



This preview shows how the Yxy color 54.7072, 0.3992, 0.3954 looks on a white background.

Color Contrast Check

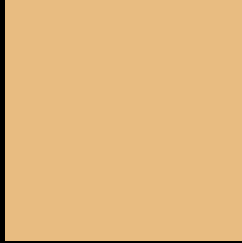
Large Text (above 18pt) WCAG AA × Fail

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 54.7072, 0.3992, 0.3954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

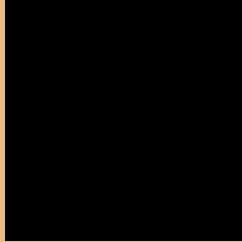
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7072, 0.3992, 0.3954

Background



This preview shows how black text looks on a background with the Yxy color 54.7072, 0.3992, 0.3954.



This preview shows how white text looks on a background with the Yxy color 54.7072, 0.3992, 0.3954.

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

54.7072, 0.3992, 0.3954

Protanopia

54.6932, 0.3759, 0.4044

Deuteranopia

54.7878, 0.4023, 0.3937



Tritanopia

54.7147, 0.3516, 0.3137

Trichromacy



Original Color

54.7072, 0.3992, 0.3954

Protanomaly

54.3980, 0.3841, 0.4006

Deuteranomaly

54.6181, 0.4014, 0.3939

Tritanomaly

54.6021, 0.3700, 0.3437

Monochromacy



Original Color

54.7072, 0.3992, 0.3954

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0115, 0.3432, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7072, 0.3992, 0.3954 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(232, 188, 129)` looks like.

```
.text, #text, p{  
    color:rgb(232, 188, 129)  
}
```

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(232, 188, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 188, 129) }
```

Border

The CSS property to change the border of an element to Yxy 54.7072, 0.3992, 0.3954 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(232, 188, 129) }
```

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

```
.border{ border-color:rgb(232, 188, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 188, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 188, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 188, 129); box-shadow:4px 4px 4px 4px rgb(232, 188, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7072, 0.3992, 0.3954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 188, 129) }
```

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

```
.background{ background-color: rgb(232,  
188, 129) }
```

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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