

Converting Colors

$Yxy(54.5321, 0.3530, 0.3609)$

Have a look what the booklet for
Yxy(54.5321, 0.3530, 0.3609)
contains.

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Color

Yxy(54.7120, 0.3525, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	D6C0A5
RGB	214, 192, 165
RGB Percent	84%, 75%, 65%
CMY	0.1606, 0.2471, 0.3530
CMYK	0.00, 0.10, 0.23, 0.16
HSL	33°, 37%, 74%
HSV	33°, 23%, 84%
XYZ	53.3794, 54.7120, 43.3395
YIQ	195.5000, 21.7790, -3.7330

Conversions

Conversions Part 2

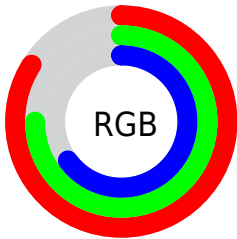
Format	Color
RYB	205, 214, 165
Decimal	14074021
CIELab	78.88, 3.58, 16.46
CIELCh	79, 16.842, 77.731
Yxy	54.7120, 0.3525, 0.3613
Android (android.graphics.Color)	4292264101 (0xFFD6C0A5)
YUV	195.5000, -15.0365, 16.2245
Hunter-Lab	73.9676, -0.6270, 17.0377

Details

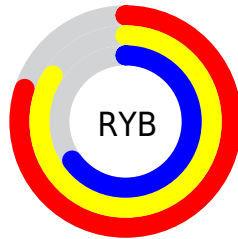
The Yxy color $54.7120, 0.3525, 0.3613$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $48.4094, 0.2763, 0.2944$, and the grayscale version is $54.9719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.5621, 0.3343, 0.3565$, and $27.0284, 0.3633, 0.3703$ is the 20% darker color. If you saturate the color by 10%, you get $49.9123, 0.3734, 0.3761$, and if you desaturate by 10%, it is $59.9231, 0.3338, 0.3468$.

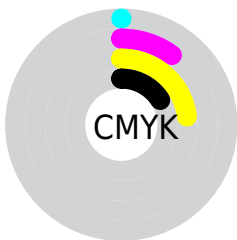
Distribution



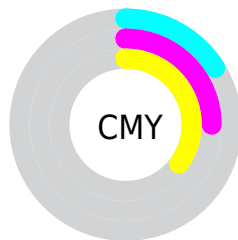
- Red (84%)
- Green (75%)
- Blue (65%)



- Red (80%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7120, 0.3525, 0.3613 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 54.7120, 0.3525, 0.3613 by changing the saturation by 10% instead.


 54.7120, 0.3525,
0.3613


 54.7120, 0.3525,
0.3613


404.8193, 0.3331,
0.3458

 39.1712, 0.3572,
0.3650


 97.1189, 0.3456,
0.3558

 26.8929, 0.3631,
0.3696


 124.7537, 0.3429,
0.3537

 17.4928, 0.3708,
0.3755

157.1887, 0.3407,
0.3519

 10.5865, 0.3812,
0.3834

194.8082, 0.3387,
0.3503

 5.7895, 0.3961,
0.3944

237.9966, 0.3371,
0.3490

 2.7175, 0.4185,
0.4103

287.1383, 0.3356,

 0.9861, 0.5119,

0.3478

0.4881

342.6178, 0.3343,
0.3467

0.0000, 0.0000,
0.0000

54.7120, 0.3525,
0.3613

54.7120, 0.3525,
0.3613

49.9123, 0.3734,
0.3761

59.9231, 0.3338,
0.3468

45.5050, 0.3963,
0.3906

65.5495, 0.3172,
0.3329

41.4800, 0.4208,
0.4040

71.6040, 0.3026,
0.3199

37.8241, 0.4462,
0.4152

78.0970, 0.2897,
0.3078

34.5229, 0.4712,
0.4230

83.8938, 0.2876,
0.3135

■ 31.5603, 0.4946,
0.4261

■ 89.7110, 0.2881,
0.3235

■ 28.9182, 0.5148,
0.4239

■ 93.0414, 0.2883,
0.3289

■ 27.2220, 0.5272,
0.4196

Harmonies

Analogous

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



54.7120, 0.3570, 0.3460



54.7120, 0.3525, 0.3613



54.7120, 0.3372, 0.3685

Triad

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



54.7120, 0.3525, 0.3613



54.7120, 0.2775, 0.3292



54.7120, 0.3085, 0.2966

Complementary

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



54.7120, 0.3525, 0.3613



48.4094, 0.2763, 0.2944

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.



54.7120, 0.2878, 0.2917



54.7120, 0.3525, 0.3613



54.7120, 0.2704, 0.3095

Square

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



54.7120, 0.3525, 0.3613



54.7120, 0.2939, 0.3497



54.7120, 0.2741, 0.2961



54.7120, 0.3311, 0.3094

Rectangle

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



54.7120, 0.3525, 0.3613



54.7120, 0.3232, 0.3671



54.7120, 0.2741, 0.2961



54.7120, 0.3011, 0.2940

Sweetspot

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



54.7145, 0.3525, 0.3613



93.8913, 0.3238, 0.3386



44.7990, 0.3389, 0.3027



19.9870, 0.3248, 0.3394



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.



54.7145, 0.3525, 0.3613



78.1542, 0.3613, 0.3677



64.7621, 0.3452, 0.3862



13.5430, 0.3277, 0.3418



16.6588, 0.5252, 0.4212



1.1690, 0.5020, 0.4396

Inverse Universe

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



48.4094, 0.2763, 0.2944



67.3509, 0.2690, 0.2868



40.0279, 0.2760, 0.2654



12.9185, 0.2982, 0.3158



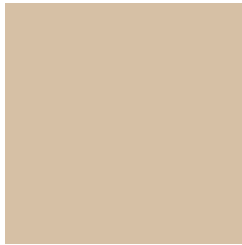
8.2117, 0.1729, 0.1423



0.6592, 0.1821, 0.1756

Previews

White Background



This preview shows how the Yxy color 54.7120, 0.3525, 0.3613 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 54.7120, 0.3525, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

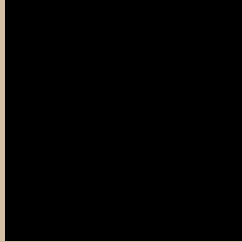
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7120, 0.3525, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 54.7120, 0.3525, 0.3613.



This preview shows how white text looks on a background with the Yxy color 54.7120, 0.3525, 0.3613.

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

54.7120, 0.3525, 0.3613

Protanopia

54.7625, 0.3432, 0.3644

Deuteranopia

54.7272, 0.3623, 0.3546



Tritanopia

54.8178, 0.3284, 0.3130

Trichromacy



Original Color

54.7120, 0.3525, 0.3613

Protanomaly

54.7466, 0.3460, 0.3630

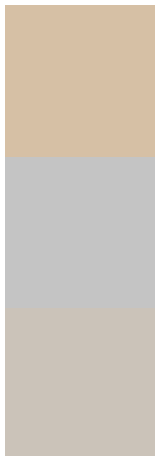
Deuteranomaly

54.5205, 0.3585, 0.3560

Tritanomaly

54.7777, 0.3369, 0.3302

Monochromacy



Original Color

54.7120, 0.3525, 0.3613

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2295, 0.3267, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7120, 0.3525, 0.3613 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(214, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 165)  
}
```

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(214, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 165) }
```

Border

The CSS property to change the border of an element to Yxy 54.7120, 0.3525, 0.3613 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(214, 192, 165) }
```

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

```
.border{ border-color:rgb(214, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 192, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 192, 165);  
box-shadow:4px 4px 4px 4px rgb(214, 192,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7120, 0.3525, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 165) }
```

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

```
.background{ background-color: rgb(214,  
192, 165) }
```

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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