

Converting Colors

$Y_{xy}(35.7399, 0.4531, 0.3953)$

Have a look what the booklet for
Yxy(35.7399, 0.4531, 0.3953)
contains.

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Color

Yxy(35.6947, 0.4527, 0.3951)

Conversions

Conversions Part 1

Format	Color
Hex	DB9057
RGB	219, 144, 87
RGB Percent	86%, 56%, 34%
CMY	0.1413, 0.4352, 0.6588
CMYK	0.00, 0.34, 0.60, 0.14
HSL	26°, 65%, 60%
HSV	26°, 60%, 86%
XYZ	40.8985, 35.6947, 13.7503
YIQ	159.9270, 62.9970, -1.8270

Conversions

Conversions Part 2

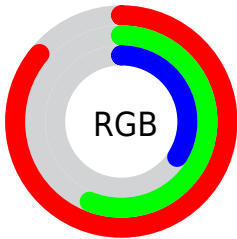
Format	Color
RYB	219, 187, 87
Decimal	14389335
CIELab	66.29, 22.80, 41.53
CIElCh	66, 47.377, 61.236
Yxy	35.6947, 0.4527, 0.3951
Android (android.graphics.Color)	4292579415 (0xFFDB9057)
YUV	159.9270, -35.9530, 51.8070
Hunter-Lab	59.7450, 17.6384, 28.1760

Details

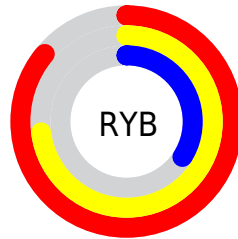
The Yxy color **35.6947, 0.4527, 0.3951** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **32.9563, 0.2204, 0.2453**, and the grayscale version is **35.2665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4831, 0.4067, 0.3911**, and **15.4488, 0.4924, 0.4051** is the 20% darker color. If you saturate the color by 10%, you get **31.8290, 0.4835, 0.4013**, and if you desaturate by 10%, it is **40.0874, 0.4229, 0.3859**.

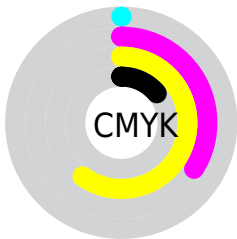
Distribution



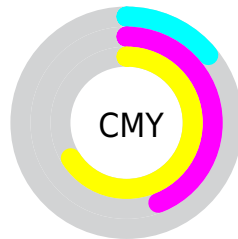
- Red (86%)
- Green (56%)
- Blue (34%)



- Red (86%)
- Yellow (73%)
- Blue (34%)



- Cyan (0%)
- Magenta (34%)
- Yellow (60%)
- Black (14%)




- Cyan (14%)
- Magenta (44%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6947, 0.4527, 0.3951 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 35.6947, 0.4527, 0.3951 by changing the saturation by 10% instead.


 35.6947, 0.4527,
0.3951


 35.6947, 0.4527,
0.3951


327.6242, 0.3807,
0.3658


 24.1985, 0.4704,
0.4004

 68.5606, 0.4265,
0.3858


 15.4809, 0.4924,
0.4057


 90.6991, 0.4167,
0.3818

 9.1576, 0.5201,
0.4099


 117.1537, 0.4083,
0.3784

 4.8441, 0.5621,
0.4152

 148.3090, 0.4012,
0.3753

 2.1561, 0.5997,
0.4003

 184.5493, 0.3950,
0.3725

 0.6959, 0.6472,
0.3528

226.2590, 0.3896,

 0.0000, 1.0000,

0.3700

0.0000

273.8225, 0.3849,
0.3678

0.0000, 0.0000,
0.0000

35.6947, 0.4527,
0.3951

35.6947, 0.4527,
0.3951

31.8290, 0.4835,
0.4013

40.0874, 0.4229,
0.3859

28.4613, 0.5135,
0.4031

45.0234, 0.3952,
0.3750

25.5673, 0.5404,
0.3997

50.5247, 0.3704,
0.3633

23.1708, 0.5623,
0.3917

56.6103, 0.3486,
0.3515

63.2981, 0.3295,
0.3401

■ 70.6055, 0.3131,
0.3293

■ 78.5486, 0.2990,
0.3192

■ 86.6731, 0.2907,
0.3172

■ 93.7942, 0.2911,
0.3289

Harmonies

Analogous

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



35.6947, 0.4487, 0.3413



35.6947, 0.4527, 0.3951



35.6947, 0.4162, 0.4417

Triad

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



35.6947, 0.4527, 0.3951



35.6947, 0.2264, 0.3662



35.6947, 0.2597, 0.2235

Complementary

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



35.6947, 0.4527, 0.3951



32.9563, 0.2204, 0.2453

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.



35.6947, 0.2110, 0.2201



35.6947, 0.4527, 0.3951



35.6947, 0.1932, 0.2925

Square

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



35.6947, 0.4527, 0.3951



35.6947, 0.2847, 0.4352



35.6947, 0.1885, 0.2421



35.6947, 0.3290, 0.2483

Rectangle

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



35.6947, 0.4527, 0.3951



35.6947, 0.3766, 0.4598



35.6947, 0.1885, 0.2421



35.6947, 0.2407, 0.2198

Sweetspot

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



35.6965, 0.4527, 0.3951



81.8713, 0.3443, 0.3490



24.5498, 0.3868, 0.2415



16.9540, 0.3502, 0.3524



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.



35.6965, 0.4527, 0.3951



43.7702, 0.4907, 0.4021



60.8370, 0.4043, 0.4600



13.9724, 0.3281, 0.3391



13.9531, 0.5597, 0.3938



1.0730, 0.5313, 0.4163

Inverse Universe

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



32.9563, 0.2204, 0.2453



39.4917, 0.2054, 0.2244



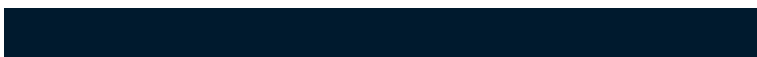
15.8731, 0.1991, 0.1499



13.8383, 0.2982, 0.3186



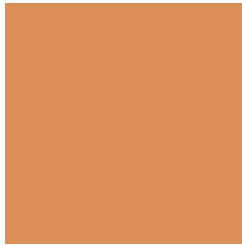
11.8556, 0.1838, 0.1817



0.9381, 0.1911, 0.2080

Previews

White Background



This preview shows how the Yxy color 35.6947, 0.4527, 0.3951 looks on a white background.

Color Contrast Check

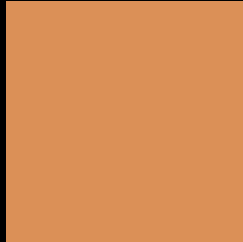
Large Text (above 18pt) WCAG AA × Fail

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 35.6947, 0.4527, 0.3951 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 35.6947, 0.4527, 0.3951

Background



This preview shows how black text looks on a background with the Yxy color 35.6947, 0.4527, 0.3951.



This preview shows how white text looks on a background with the Yxy color 35.6947, 0.4527, 0.3951.

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

35.6947, 0.4527, 0.3951

Protanopia

35.9781, 0.3906, 0.4254

Deuteranopia

35.7728, 0.4251, 0.4168



Tritanopia

35.6859, 0.3969, 0.3173

Trichromacy



Original Color

35.6947, 0.4527, 0.3951

Protanomaly

35.4045, 0.4128, 0.4135

Deuteranomaly

35.6064, 0.4356, 0.4078

Tritanomaly

35.7664, 0.4195, 0.3473

Monochromacy



Original Color

35.6947, 0.4527, 0.3951

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6284, 0.3610, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6947, 0.4527, 0.3951 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(219, 144, 87)` looks like.

```
.text, #text, p{  
    color:rgb(219, 144, 87)  
}
```

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(219, 144, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 144, 87) }
```

Border

The CSS property to change the border of an element to Yxy 35.6947, 0.4527, 0.3951 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(219, 144, 87) }
```

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

```
.border{ border-color:rgb(219, 144, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 144, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 144, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 144, 87);  
box-shadow:4px 4px 4px 4px rgb(219, 144,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6947, 0.4527, 0.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 144, 87) }
```

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

```
.background{ background-color: rgb(219,  
144, 87) }
```

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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