

Converting Colors

$Yxy(51.4610, 0.3564, 0.3514)$

Have a look what the booklet for
Yxy(51.4610, 0.3564, 0.3514)
contains.

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Color

Yxy(51.5965, 0.3563, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	D8B8A5
RGB	216, 184, 165
RGB Percent	85%, 72%, 65%
CMY	0.1529, 0.2784, 0.3529
CMYK	0.00, 0.15, 0.24, 0.15
HSL	22°, 40%, 75%
HSV	22°, 24%, 85%
XYZ	52.2565, 51.5965, 42.8113
YIQ	191.4020, 25.1710, 0.8750

Conversions

Conversions Part 2

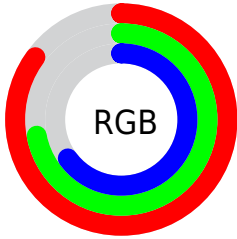
Format	Color
R _Y B	216, 195, 165
Decimal	14203045
CIE Lab	77.04, 8.58, 13.89
CIE LCh	77, 16.328, 58.300
Yxy	51.5965, 0.3563, 0.3518
Android (android.graphics.Color)	4292393125 (0xFFD8B8A5)
YUV	191.4020, -13.0162, 21.5724
Hunter-Lab	71.8307, 4.1542, 14.9445

Details

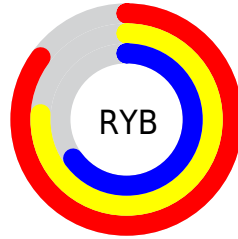
The Yxy color **51.5965, 0.3563, 0.3518** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.9126, 0.2761, 0.3050**, and the grayscale version is **52.4149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7475, 0.3354, 0.3488**, and **25.0019, 0.3691, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **45.5097, 0.3800, 0.3621**, and if you desaturate by 10%, it is **58.3613, 0.3359, 0.3418**.

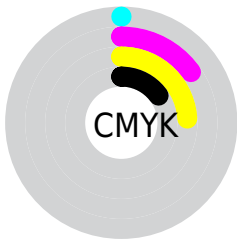
Distribution



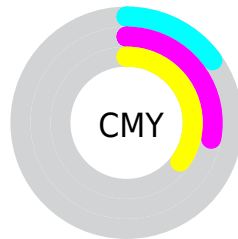
- Red (85%)
- Green (72%)
- Blue (65%)



- Red (85%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (15%)





- Cyan (15%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5965, 0.3563, 0.3518 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 51.5965, 0.3563, 0.3518 by changing the saturation by 10% instead.


 51.5965, 0.3563,
0.3518


 51.5965, 0.3563,
0.3518


392.8769, 0.3347,
0.3409

 36.6836, 0.3616,
0.3543


 92.5359, 0.3485,
0.3480

 24.9626, 0.3684,
0.3575


 119.3311, 0.3456,
0.3465

 16.0492, 0.3772,
0.3616


150.8559, 0.3431,
0.3452

 9.5590, 0.3895,
0.3669

187.4946, 0.3410,
0.3442

 5.1075, 0.4072,
0.3741

229.6317, 0.3391,
0.3432

 2.3105, 0.4351,
0.3841

277.6515, 0.3375,

 0.7793, 0.5506,

0.3424

0.4494

331.9384, 0.3360,
0.3416

0.0000, 0.0000,
0.0000

51.5965, 0.3563,
0.3518

51.5965, 0.3563,
0.3518

45.5097, 0.3800,
0.3621

58.3613, 0.3359,
0.3418

40.0719, 0.4072,
0.3720

65.8176, 0.3184,
0.3323

35.2626, 0.4376,
0.3810

73.9877, 0.3035,
0.3234

31.0570, 0.4705,
0.3879

82.8905, 0.2908,
0.3153

27.4288, 0.5043,
0.3915

91.3280, 0.2893,
0.3257

■ 24.3492, 0.5364,
0.3905

■ 93.3419, 0.2894,
0.3289

■ 21.7858, 0.5641,
0.3843

■ 20.3948, 0.5792,
0.3783

Harmonies

Analogous

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



51.5965, 0.3527, 0.3339



51.5965, 0.3563, 0.3518



51.5965, 0.3478, 0.3646

Triad

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



51.5965, 0.3563, 0.3518



51.5965, 0.2875, 0.3427



51.5965, 0.2947, 0.2928

Complementary

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



51.5965, 0.3563, 0.3518



52.9126, 0.2761, 0.3050

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.



51.5965, 0.2783, 0.2938



51.5965, 0.3563, 0.3518



51.5965, 0.2743, 0.3220

Square

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



51.5965, 0.3563, 0.3518



51.5965, 0.3078, 0.3599



51.5965, 0.2709, 0.3042



51.5965, 0.3165, 0.3007

Rectangle

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



51.5965, 0.3563, 0.3518



51.5965, 0.3366, 0.3680



51.5965, 0.2709, 0.3042



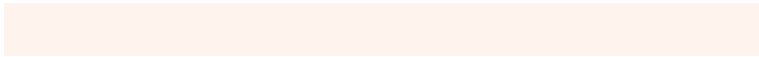
51.5965, 0.2884, 0.2921

Sweetspot

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



51.5989, 0.3563, 0.3518



91.9593, 0.3241, 0.3355



45.5655, 0.3315, 0.2911



19.5399, 0.3251, 0.3361



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.



51.5989, 0.3563, 0.3518



70.8797, 0.3669, 0.3566



63.0281, 0.3498, 0.3803



13.1702, 0.3282, 0.3377



12.2597, 0.5764, 0.3805



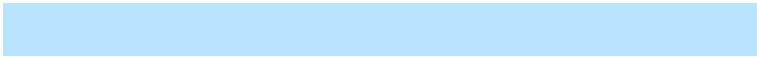
0.8956, 0.5438, 0.4064

Inverse Universe

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



52.9126, 0.2761, 0.3050



73.0863, 0.2689, 0.2996



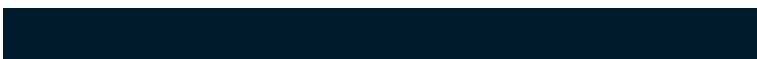
42.3971, 0.2734, 0.2719



13.2950, 0.2982, 0.3201



13.5082, 0.1897, 0.2030



0.9710, 0.1965, 0.2272

Previews

White Background



This preview shows how the Yxy color 51.5965, 0.3563, 0.3518 looks on a white background.

Color Contrast Check

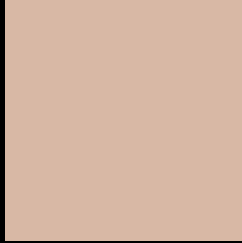
Large Text (above 18pt) WCAG AA × Fail

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 51.5965, 0.3563, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

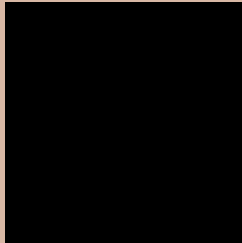
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5965, 0.3563, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 51.5965, 0.3563, 0.3518.



This preview shows how white text looks on a background with the Yxy color 51.5965, 0.3563, 0.3518.

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

51.5965, 0.3563, 0.3518

Protanopia

51.7962, 0.3375, 0.3565

Deuteranopia

51.4890, 0.3584, 0.3505



Tritanopia

51.5976, 0.3351, 0.3128

Trichromacy



Original Color

51.5965, 0.3563, 0.3518

Protanomaly

51.7356, 0.3439, 0.3549

Deuteranomaly

51.3353, 0.3575, 0.3506

Tritanomaly

51.3721, 0.3434, 0.3267

Monochromacy



Original Color

51.5965, 0.3563, 0.3518

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6232, 0.3275, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5965, 0.3563, 0.3518 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(216, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(216, 184, 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(216, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 184, 165) }
```

Border

The CSS property to change the border of an element to Yxy 51.5965, 0.3563, 0.3518 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(216, 184, 165) }
```

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

```
.border{ border-color:rgb(216, 184, 165) }
```

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

Here you see how a box with a 4 pixel rgb(216, 184, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(216, 184,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5965, 0.3563, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 184, 165) }
```

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

```
.background{ background-color: rgb(216,  
184, 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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