

Converting Colors

$Yxy(57.0916, 0.3365, 0.3424)$

Have a look what the booklet for
Yxy(57.0916, 0.3365, 0.3424)
contains.

Yxy(57.2367, 0.3365, 0.3432)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.2367, 0.3365, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	D6C4B8
RGB	214, 196, 184
RGB Percent	84%, 77%, 72%
CMY	0.1608, 0.2313, 0.2786
CMYK	0.00, 0.08, 0.14, 0.16
HSL	24°, 27%, 78%
HSV	24°, 14%, 84%
XYZ	56.1193, 57.2367, 53.4176
YIQ	200.0140, 14.5800, 0.0840

Conversions

Conversions Part 2

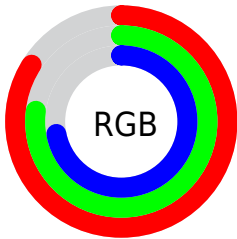
Format	Color
R _Y B	214, 204, 184
Decimal	14075064
CIE Lab	80.31, 4.32, 8.32
CIE LCh	80, 9.374, 62.533
Yxy	57.2367, 0.3365, 0.3432
Android (android.graphics.Color)	4292265144 (0xFFD6C4B8)
YUV	200.0140, -7.8949, 12.2657
Hunter-Lab	75.6549, 0.0116, 11.0956

Details

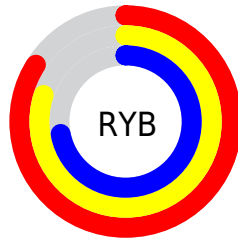
The Yxy color $57.2367, 0.3365, 0.3432$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.2596, 0.2910, 0.3144$, and the grayscale version is $57.8106, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.8018, 0.3216, 0.3415$, and $28.3556, 0.3428, 0.3463$ is the 20% darker color. If you saturate the color by 10%, you get $50.8711, 0.3568, 0.3540$, and if you desaturate by 10%, it is $64.2371, 0.3190, 0.3330$.

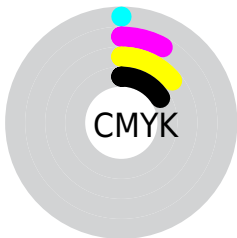
Distribution



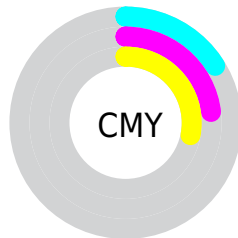
- Red (84%)
- Green (77%)
- Blue (72%)



- Red (84%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2367, 0.3365, 0.3432 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 57.2367, 0.3365, 0.3432 by changing the saturation by 10% instead.

 57.2367, 0.3365,
0.3432

 57.2367, 0.3365,
0.3432


414.3357, 0.3250,
0.3364

 41.1953, 0.3393,
0.3448


 100.8105, 0.3324,
0.3408

 28.4717, 0.3428,
0.3468


129.1117, 0.3308,
0.3399

 18.6816, 0.3474,
0.3494


162.2682, 0.3295,
0.3391

 11.4404, 0.3536,
0.3528

200.6646, 0.3283,
0.3384

 6.3639, 0.3625,
0.3576

244.6851, 0.3273,
0.3378

 3.0676, 0.3762,
0.3648

294.7142, 0.3264,

 1.1671, 0.4043,

0.3373

351.1362, 0.3257,
0.3369

0.3802

0.0346, 0.8000,
0.2000

0.0000, 0.0000,
0.0000

57.2367, 0.3365,
0.3432

57.2367, 0.3365,
0.3432

50.8711, 0.3568,
0.3540

64.2371, 0.3190,
0.3330

45.1143, 0.3802,
0.3650

71.8823, 0.3041,
0.3234

39.9496, 0.4068,
0.3757

80.1916, 0.2912,
0.3145

35.3565, 0.4364,
0.3853

88.2073, 0.2879,
0.3210

■ 31.3132, 0.4680,
0.3928

■ 93.0356, 0.2883,
0.3289

■ 27.7963, 0.5003,
0.3968

■ 24.7803, 0.5309,
0.3962

■ 22.2363, 0.5573,
0.3902

■ 20.9236, 0.5710,
0.3848

Harmonies

Analogous

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



57.2367, 0.3354, 0.3335



57.2367, 0.3365, 0.3432



57.2367, 0.3311, 0.3494

Triad

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



57.2367, 0.3365, 0.3432



57.2367, 0.2974, 0.3351



57.2367, 0.3044, 0.3089

Complementary

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



57.2367, 0.3365, 0.3432



57.2596, 0.2910, 0.3144

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.



57.2367, 0.2945, 0.3089



57.2367, 0.3365, 0.3432



57.2367, 0.2905, 0.3238

Square

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



57.2367, 0.3365, 0.3432



57.2367, 0.3084, 0.3448



57.2367, 0.2895, 0.3143



57.2367, 0.3167, 0.3140

Rectangle

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



57.2367, 0.3365, 0.3432



57.2367, 0.3245, 0.3505



57.2367, 0.2895, 0.3143



57.2367, 0.3007, 0.3083

Sweetspot

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



57.2392, 0.3365, 0.3432



95.5243, 0.3190, 0.3330



52.8258, 0.3238, 0.3080



20.2697, 0.3203, 0.3337



0.0000, 0.0000, 0.0000



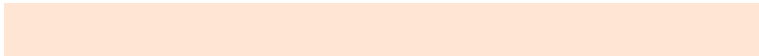
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.2392, 0.3365, 0.3432



82.0545, 0.3425, 0.3465



64.3402, 0.3341, 0.3602



13.2301, 0.3281, 0.3384



12.8388, 0.5684, 0.3869



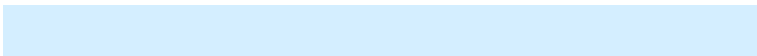
0.9342, 0.5369, 0.4119

Inverse Universe

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



57.2596, 0.2910, 0.3144



82.0895, 0.2861, 0.3108



50.5683, 0.2904, 0.2957



13.2333, 0.2982, 0.3194



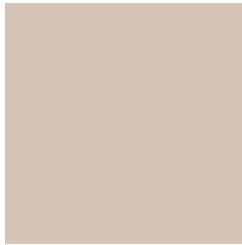
12.5019, 0.1869, 0.1928



0.9142, 0.1941, 0.2188

Previews

White Background



This preview shows how the Yxy color 57.2367, 0.3365, 0.3432 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 57.2367, 0.3365, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

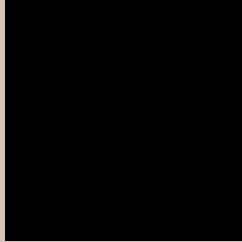
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2367, 0.3365, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 57.2367, 0.3365, 0.3432.



This preview shows how white text looks on a background with the Yxy color 57.2367, 0.3365, 0.3432.

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

57.2367, 0.3365, 0.3432

Protanopia

57.4714, 0.3287, 0.3458

Deuteranopia

57.0493, 0.3448, 0.3371



Tritanopia

57.0051, 0.3208, 0.3108

Trichromacy



Original Color

57.2367, 0.3365, 0.3432

Protanomaly

57.4463, 0.3313, 0.3445

Deuteranomaly

56.8584, 0.3412, 0.3383

Tritanomaly

56.8624, 0.3268, 0.3221

Monochromacy



Original Color

57.2367, 0.3365, 0.3432

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7210, 0.3211, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2367, 0.3365, 0.3432 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, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 184)  
}
```

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, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 184) }
```

Border

The CSS property to change the border of an element to Yxy 57.2367, 0.3365, 0.3432 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, 196, 184) }
```

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

```
.border{ border-color:rgb(214, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2367, 0.3365, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 184) }
```

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

```
.background{ background-color: rgb(214,  
196, 184) }
```

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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