

Converting Colors

Yxy(67.1781, 0.3270, 0.3572)

Have a look what the booklet for
Yxy(67.1781, 0.3270, 0.3572)
contains.

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Color

Yxy(67.0636, 0.3269, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	D5D8C0
RGB	213, 216, 192
RGB Percent	84%, 85%, 75%
CMY	0.1647, 0.1529, 0.2469
CMYK	0.01, 0.00, 0.11, 0.15
HSL	68°, 24%, 80%
HSV	68°, 11%, 85%
XYZ	61.5126, 67.0636, 59.5933
YIQ	212.3670, 5.9160, -8.1000

Conversions

Conversions Part 2

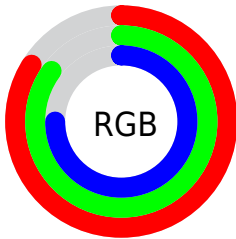
Format	Color
RYB	192, 216, 195
Decimal	14014656
CIELab	85.54, -5.16, 11.47
CIELCh	86, 12.574, 114.243
Yxy	67.0636, 0.3269, 0.3564
Android (android.graphics.Color)	4292204736 (0xFFD5D8C0)
YUV	212.3670, -10.0409, 0.5551
Hunter-Lab	81.8924, -9.2332, 14.1792

Details

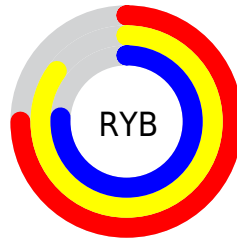
The Yxy color **67.0636, 0.3269, 0.3564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2831, 0.2976, 0.3005**, and the grayscale version is **66.1629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **34.6229, 0.3296, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **65.7756, 0.3399, 0.3821**, and if you desaturate by 10%, it is **68.5048, 0.3141, 0.3316**.

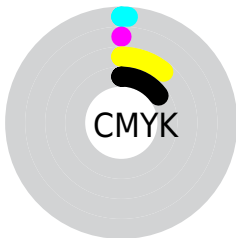
Distribution



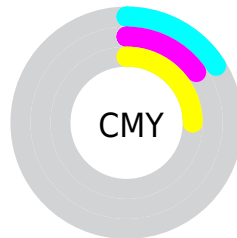
- Red (84%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0636, 0.3269, 0.3564 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 67.0636, 0.3269, 0.3564 by changing the saturation by 10% instead.

■ 67.0636, 0.3269,
0.3564

■ 67.0636, 0.3269,
0.3564

450.1711, 0.3203,
0.3434

■ 49.1363, 0.3284,
0.3595

■ 115.0115, 0.3246,
0.3518

■ 34.7276, 0.3303,
0.3633

145.8010, 0.3237,
0.3501

■ 23.4531, 0.3327,
0.3682

181.6466, 0.3229,
0.3486

■ 14.9285, 0.3358,
0.3747

222.9328, 0.3223,
0.3472

■ 8.7692, 0.3400,
0.3839

270.0439, 0.3217,
0.3461

■ 4.5909, 0.3461,
0.3975

323.3644, 0.3212,

■ 2.0093, 0.3554,

0.3451

0.4199

383.2787, 0.3207,
0.3442

0.6129, 0.4269,
0.5731

0.0000, 0.0000,
0.0000

67.0636, 0.3269,
0.3564

67.0636, 0.3269,
0.3564

65.7756, 0.3399,
0.3821

68.5048, 0.3141,
0.3316

64.6258, 0.3527,
0.4080

70.0962, 0.3018,
0.3082

63.6107, 0.3648,
0.4334

71.7270, 0.2912,
0.2883

62.7231, 0.3757,
0.4572

72.1567, 0.2930,
0.2885

61.9552, 0.3847,
0.4784

72.5933, 0.2949,
0.2887

61.2982, 0.3915,
0.4960

73.0368, 0.2967,
0.2889

60.7423, 0.3958,
0.5093

73.4874, 0.2986,
0.2891

60.2754, 0.3974,
0.5181

73.9449, 0.3004,
0.2894

59.9162, 0.3972,
0.5229

74.4095, 0.3023,
0.2896

Harmonies

Analogous

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



67.0636, 0.3387, 0.3533



67.0636, 0.3269, 0.3564



67.0636, 0.3115, 0.3517

Triad

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



67.0636, 0.3269, 0.3564



67.0636, 0.2828, 0.3131



67.0636, 0.3287, 0.3178

Complementary

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



67.0636, 0.3269, 0.3564



54.2831, 0.2976, 0.3005

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.



67.0636, 0.3134, 0.3077



67.0636, 0.3269, 0.3564



67.0636, 0.2871, 0.3047

Square

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



67.0636, 0.3269, 0.3564



67.0636, 0.2863, 0.3262



67.0636, 0.2982, 0.3029



67.0636, 0.3398, 0.3309

Rectangle

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



67.0636, 0.3269, 0.3564



67.0636, 0.3013, 0.3448



67.0636, 0.2982, 0.3029



67.0636, 0.3238, 0.3139

Sweetspot

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



67.0665, 0.3269, 0.3564



99.3352, 0.3165, 0.3363



57.3633, 0.3320, 0.3323



21.2245, 0.3176, 0.3383



0.0000, 0.0000, 0.0000



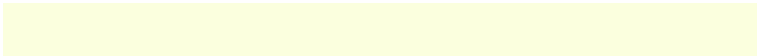
21.4041, 0.3127, 0.3290

Same Dimension

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



67.0665, 0.3269, 0.3564



97.2647, 0.3295, 0.3616



65.3701, 0.3181, 0.3571



14.4371, 0.3247, 0.3522



35.4954, 0.3975, 0.5226



2.1636, 0.4015, 0.5194

Inverse Universe

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



54.2831, 0.2976, 0.3005



75.5539, 0.2946, 0.2948



55.9135, 0.3067, 0.3012



12.0827, 0.3001, 0.3050



3.0991, 0.1550, 0.0627



0.2121, 0.1671, 0.0694

Previews

White Background



This preview shows how the Yxy color 67.0636, 0.3269, 0.3564 looks on a white background.

Color Contrast Check

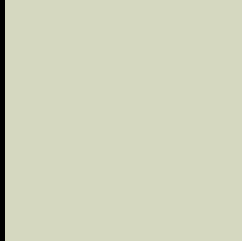
Large Text (above 18pt) WCAG AA × Fail

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 67.0636, 0.3269, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

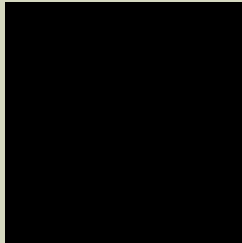
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

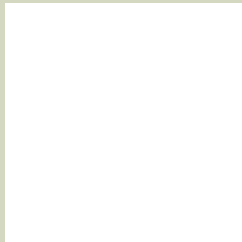
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0636, 0.3269, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 67.0636, 0.3269, 0.3564.



This preview shows how white text looks on a background with the Yxy color 67.0636, 0.3269, 0.3564.

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

67.0636, 0.3269, 0.3564

Protanopia

66.9942, 0.3364, 0.3548

Deuteranopia

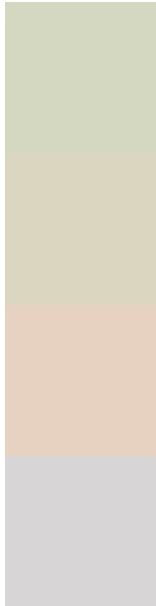
66.7384, 0.3489, 0.3420



Tritanopia

67.0954, 0.3063, 0.3104

Trichromacy



Original Color

67.0636, 0.3269, 0.3564

Protanomaly

66.9148, 0.3325, 0.3550

Deuteranomaly

66.9324, 0.3410, 0.3478

Tritanomaly

67.0937, 0.3136, 0.3268

Monochromacy



Original Color

67.0636, 0.3269, 0.3564

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9933, 0.3175, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0636, 0.3269, 0.3564 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(213, 216, 192)` looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 192)  
}
```

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(213, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 192) }
```

Border

The CSS property to change the border of an element to Yxy 67.0636, 0.3269, 0.3564 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(213, 216, 192) }
```

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

```
.border{ border-color:rgb(213, 216, 192) }
```

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

Here you see how a box with a 4 pixel rgb(213, 216, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(213, 216,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0636, 0.3269, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 192) }
```

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

```
.background{ background-color: rgb(213,  
216, 192) }
```

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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