

Converting Colors

Yxy(61.6584, 0.3313, 0.3432)

Have a look what the booklet for
Yxy(61.6584, 0.3313, 0.3432)
contains.

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Color

Yxy(61.5904, 0.3308, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	D8CCC0
RGB	216, 204, 192
RGB Percent	85%, 80%, 75%
CMY	0.1531, 0.1999, 0.2472
CMYK	0.00, 0.06, 0.11, 0.15
HSL	30°, 24%, 80%
HSV	30°, 11%, 85%
XYZ	59.4170, 61.5904, 58.6088
YIQ	206.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

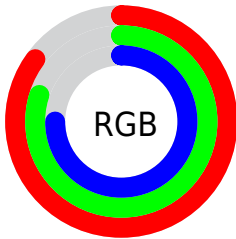
Format	Color
R _Y B	216, 216, 192
Decimal	14208192
CIE Lab	82.70, 2.11, 7.47
CIE LCh	83, 7.766, 74.201
Yxy	61.5904, 0.3308, 0.3429
Android (android.graphics.Color)	4292398272 (0xFFD8CCC0)
YUV	206.2200, -7.0105, 8.5771
Hunter-Lab	78.4796, -2.1965, 10.6577

Details

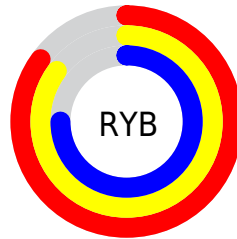
The Yxy color **61.5904, 0.3308, 0.3429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3098, 0.2955, 0.3147**, and the grayscale version is **61.9084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **31.2538, 0.3349, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **55.7661, 0.3495, 0.3561**, and if you desaturate by 10%, it is **67.9139, 0.3144, 0.3303**.

Distribution



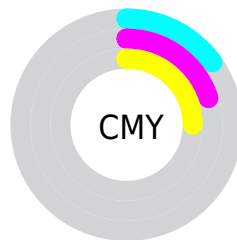
- Red (85%)
- Green (80%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (15%)




- Cyan (15%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5904, 0.3308, 0.3429 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 61.5904, 0.3308, 0.3429 by changing the saturation by 10% instead.


 61.5904, 0.3308,
0.3429

 61.5904, 0.3308,
0.3429

430.4354, 0.3222,
0.3363

 44.7018, 0.3328,
0.3444


 107.1333, 0.3277,
0.3406

 31.2226, 0.3354,
0.3464


136.5565, 0.3266,
0.3397

 20.7684, 0.3387,
0.3489


170.9266, 0.3256,
0.3389

 12.9548, 0.3432,
0.3522

210.6280, 0.3247,
0.3383

 7.3975, 0.3495,
0.3568

256.0452, 0.3239,
0.3377

 3.7119, 0.3590,
0.3637

307.5626, 0.3233,

 1.5137, 0.3751,

0.3372

0.3751

365.5646, 0.3227,
0.3367

0.2984, 0.5291,
0.4709

0.0000, 0.0000,
0.0000

61.5904, 0.3308,
0.3429

61.5904, 0.3308,
0.3429

55.7661, 0.3495,
0.3561

67.9139, 0.3144,
0.3303

50.4196, 0.3707,
0.3697

74.7409, 0.3001,
0.3186

45.5398, 0.3942,
0.3831

81.9723, 0.2887,
0.3095

41.1121, 0.4199,
0.3957

88.3647, 0.2891,
0.3208

■ 37.1208, 0.4471,
0.4063

■ 93.3345, 0.2894,
0.3289

■ 33.5492, 0.4746,
0.4137

■ 30.3790, 0.5008,
0.4166

■ 27.5894, 0.5240,
0.4142

■ 25.4037, 0.5416,
0.4081

Harmonies

Analogous

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



61.5904, 0.3320, 0.3360



61.5904, 0.3308, 0.3429



61.5904, 0.3247, 0.3462

Triad

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



61.5904, 0.3308, 0.3429



61.5904, 0.2976, 0.3304



61.5904, 0.3098, 0.3138

Complementary

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



61.5904, 0.3308, 0.3429



59.3098, 0.2955, 0.3147

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.



61.5904, 0.3007, 0.3122



61.5904, 0.3308, 0.3429



61.5904, 0.2938, 0.3216

Square

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



61.5904, 0.3308, 0.3429



61.5904, 0.3055, 0.3390



61.5904, 0.2949, 0.3150



61.5904, 0.3198, 0.3193

Rectangle

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



61.5904, 0.3308, 0.3429



61.5904, 0.3187, 0.3458



61.5904, 0.2949, 0.3150



61.5904, 0.3066, 0.3128

Sweetspot

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



61.5931, 0.3308, 0.3429



97.1099, 0.3174, 0.3327



56.6399, 0.3231, 0.3152



20.6226, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



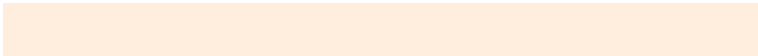
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5931, 0.3308, 0.3429



87.9597, 0.3344, 0.3455



67.4960, 0.3292, 0.3563



13.4404, 0.3279, 0.3407



15.2570, 0.5393, 0.4100



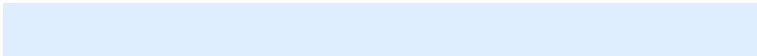
1.0858, 0.5131, 0.4308

Inverse Universe

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



59.3098, 0.2955, 0.3147



84.0859, 0.2923, 0.3119



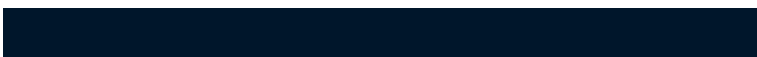
53.8464, 0.2953, 0.3002



13.0203, 0.2982, 0.3170



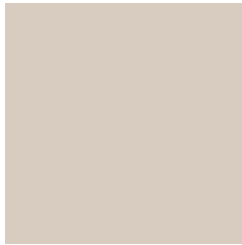
9.4472, 0.1773, 0.1581



0.7354, 0.1860, 0.1895

Previews

White Background



This preview shows how the Yxy color 61.5904, 0.3308, 0.3429 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 61.5904, 0.3308, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

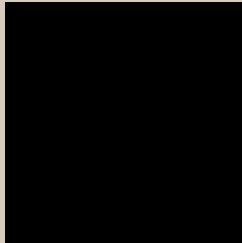
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

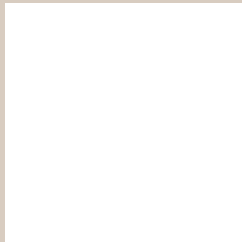
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5904, 0.3308, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 61.5904, 0.3308, 0.3429.

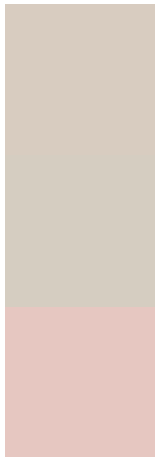


This preview shows how white text looks on a background with the Yxy color 61.5904, 0.3308, 0.3429.

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

61.5904, 0.3308, 0.3429

Protanopia

61.6590, 0.3276, 0.3429

Deuteranopia

61.5201, 0.3421, 0.3358



Tritanopia

61.3265, 0.3159, 0.3111

Trichromacy



Original Color

61.5904, 0.3308, 0.3429

Protanomaly

61.8090, 0.3284, 0.3429

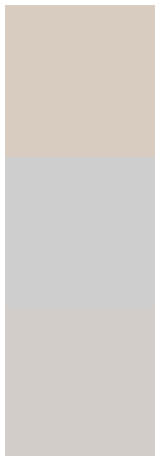
Deuteranomaly

61.6311, 0.3377, 0.3381

Tritanomaly

61.1837, 0.3216, 0.3222

Monochromacy



Original Color

61.5904, 0.3308, 0.3429

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5813, 0.3194, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5904, 0.3308, 0.3429 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, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(216, 204, 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(216, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 204, 192) }
```

Border

The CSS property to change the border of an element to Yxy 61.5904, 0.3308, 0.3429 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, 204, 192) }
```

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

```
.border{ border-color:rgb(216, 204, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 204, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 204,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5904, 0.3308, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 204, 192) }
```

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

```
.background{ background-color: rgb(216,  
204, 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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