

Converting Colors

Yxy(61.9324, 0.3294, 0.3429)

Have a look what the booklet for
Yxy(61.9324, 0.3294, 0.3429)
contains.

Yxy(61.9600, 0.3291, 0.3429)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.9600, 0.3291, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	D7CDC1
RGB	215, 205, 193
RGB Percent	84%, 80%, 76%
CMY	0.1571, 0.1960, 0.2432
CMYK	0.00, 0.05, 0.10, 0.16
HSL	33°, 22%, 80%
HSV	33°, 10%, 84%
XYZ	59.4664, 61.9600, 59.2677
YIQ	206.6220, 9.8120, -1.6120

Conversions

Conversions Part 2

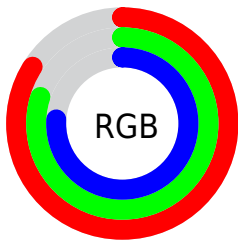
Format	Color
R_{YB}	211, 215, 193
Decimal	14142913
CIE Lab	82.89, 1.38, 7.21
CIE LCh	83, 7.337, 79.130
Yxy	61.9600, 0.3291, 0.3429
Android (android.graphics.Color)	4292332993 (0xFFD7CDC1)
YUV	206.6220, -6.7156, 7.3475
Hunter-Lab	78.7147, -2.8996, 10.4583

Details

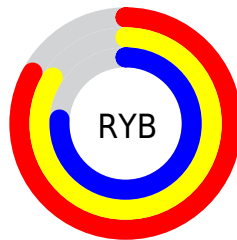
The Yxy color **61.9600, 0.3291, 0.3429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9024, 0.2969, 0.3147**, and the grayscale version is **62.1765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **31.5003, 0.3326, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **56.5712, 0.3473, 0.3572**, and if you desaturate by 10%, it is **67.7817, 0.3130, 0.3293**.

Distribution



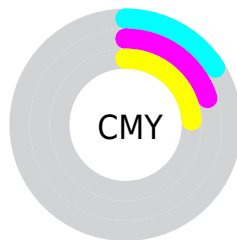
- Red (84%)
- Green (80%)
- Blue (76%)



- Red (83%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9600, 0.3291, 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 61.9600, 0.3291, 0.3429 by changing the saturation by 10% instead.

■ 61.9600, 0.3291,
0.3429

■ 61.9600, 0.3291,
0.3429

431.7852, 0.3213,
0.3363

■ 45.0004, 0.3309,
0.3445

■ 107.6677, 0.3263,
0.3406

■ 31.4577, 0.3333,
0.3464

137.1846, 0.3253,
0.3397

■ 20.9476, 0.3363,
0.3489

171.6560, 0.3244,
0.3389

■ 13.0857, 0.3403,
0.3522

211.4664, 0.3236,
0.3383

■ 7.4876, 0.3459,
0.3569

257.0001, 0.3229,
0.3377

■ 3.7689, 0.3545,
0.3638

308.6415, 0.3223,

■ 1.5451, 0.3688,

0.3372

0.3754

366.7751, 0.3218,
0.3367

0.3202, 0.5136,
0.4864

0.0000, 0.0000,
0.0000

61.9600, 0.3291,
0.3429

61.9600, 0.3291,
0.3429

56.5712, 0.3473,
0.3572

67.7817, 0.3130,
0.3293

51.5960, 0.3676,
0.3720

74.0388, 0.2989,
0.3165

47.0254, 0.3900,
0.3866

80.5844, 0.2879,
0.3072

42.8469, 0.4142,
0.4003

86.2673, 0.2883,
0.3174

■ 39.0472, 0.4396,
0.4122

■ 92.2576, 0.2888,
0.3275

■ 35.6121, 0.4649,
0.4209

■ 93.1779, 0.2888,
0.3289

■ 32.5258, 0.4890,
0.4254

■ 29.7705, 0.5103,
0.4245

■ 27.3683, 0.5279,
0.4191

Harmonies

Analogous

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



61.9600, 0.3311, 0.3368



61.9600, 0.3291, 0.3429



61.9600, 0.3227, 0.3453

Triad

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



61.9600, 0.3291, 0.3429



61.9600, 0.2976, 0.3289



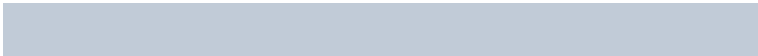
61.9600, 0.3115, 0.3153

Complementary

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



61.9600, 0.3291, 0.3429



58.9024, 0.2969, 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.



61.9600, 0.3027, 0.3131



61.9600, 0.3291, 0.3429



61.9600, 0.2947, 0.3208

Square

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



61.9600, 0.3291, 0.3429



61.9600, 0.3045, 0.3372



61.9600, 0.2965, 0.3151



61.9600, 0.3209, 0.3210

Rectangle

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



61.9600, 0.3291, 0.3429



61.9600, 0.3168, 0.3444



61.9600, 0.2965, 0.3151



61.9600, 0.3084, 0.3141

Sweetspot

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



61.9627, 0.3291, 0.3429



97.3329, 0.3174, 0.3330



56.8940, 0.3227, 0.3172



20.6828, 0.3186, 0.3341



0.0000, 0.0000, 0.0000



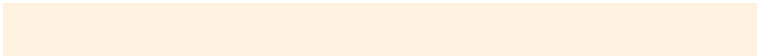
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9627, 0.3291, 0.3429



89.6826, 0.3324, 0.3456



66.7470, 0.3273, 0.3541



13.5385, 0.3277, 0.3418



16.5943, 0.5258, 0.4207



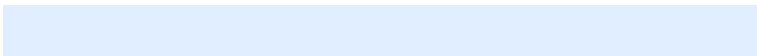
1.1653, 0.5025, 0.4392

Inverse Universe

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



58.9024, 0.2969, 0.3147



84.4067, 0.2939, 0.3118



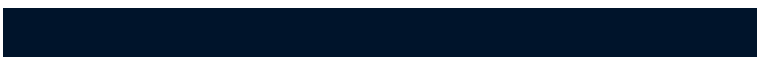
54.4684, 0.2974, 0.3028



12.9229, 0.2982, 0.3159



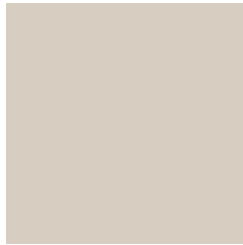
8.2625, 0.1731, 0.1430



0.6624, 0.1823, 0.1762

Previews

White Background



This preview shows how the Yxy color 61.9600, 0.3291, 0.3429 looks on a white background.

Color Contrast Check

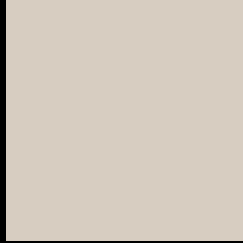
Large Text (above 18pt) WCAG AA × Fail

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 61.9600, 0.3291, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

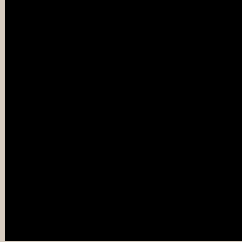
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

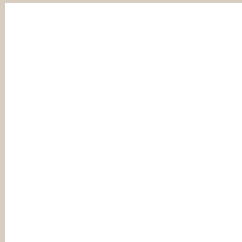
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9600, 0.3291, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 61.9600, 0.3291, 0.3429.

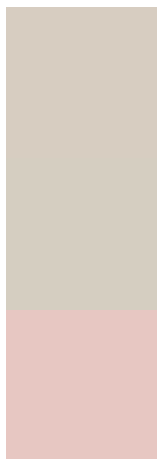


This preview shows how white text looks on a background with the Yxy color 61.9600, 0.3291, 0.3429.

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

61.9600, 0.3291, 0.3429

Protanopia

62.1390, 0.3274, 0.3441

Deuteranopia

61.7308, 0.3421, 0.3346



Tritanopia

61.6885, 0.3143, 0.3111

Trichromacy



Original Color

61.9600, 0.3291, 0.3429

Protanomaly

62.2890, 0.3282, 0.3440

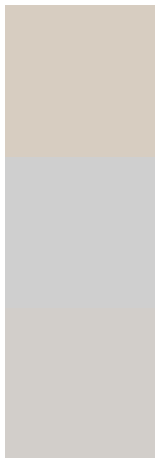
Deuteranomaly

61.6759, 0.3369, 0.3369

Tritanomaly

61.5468, 0.3200, 0.3222

Monochromacy



Original Color

61.9600, 0.3291, 0.3429

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1085, 0.3186, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9600, 0.3291, 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(215, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 193)  
}
```

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(215, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.9600, 0.3291, 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(215, 205, 193) }
```

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

```
.border{ border-color:rgb(215, 205, 193) }
```

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

Here you see how a box with a 4 pixel rgb(215, 205, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 205,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9600, 0.3291, 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(215, 205, 193) }
```

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

```
.background{ background-color: rgb(215,  
205, 193) }
```

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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