

Converting Colors

$Yxy(61.7291, 0.3214, 0.3395)$

Have a look what the booklet for
Yxy(61.7291, 0.3214, 0.3395)
contains.

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Color

Yxy(61.7291, 0.3214, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	D1CEC5
RGB	209, 206, 197
RGB Percent	82%, 81%, 77%
CMY	0.1805, 0.1921, 0.2275
CMYK	0.00, 0.01, 0.06, 0.18
HSL	45°, 12%, 80%
HSV	45°, 6%, 82%
XYZ	58.4381, 61.7291, 61.6564
YIQ	205.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

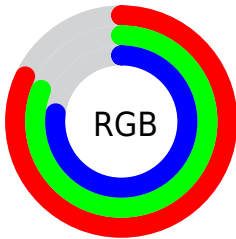
Format	Color
RYB	201, 209, 197
Decimal	13749957
CIELab	82.77, -0.57, 4.83
CIELCh	83, 4.861, 96.683
Yxy	61.7291, 0.3214, 0.3395
Android (android.graphics.Color)	4291940037 (0xFFD1CEC5)
YUV	205.8710, -4.3734, 2.7441
Hunter-Lab	78.5679, -4.7270, 8.4695

Details

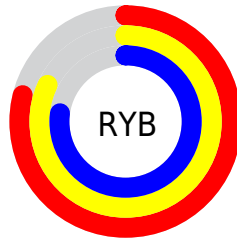
The Yxy color **61.7291, 0.3214, 0.3395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7626, 0.3040, 0.3183**, and the grayscale version is **61.6602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **31.4082, 0.3243, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **58.3913, 0.3376, 0.3585**, and if you desaturate by 10%, it is **65.2869, 0.3065, 0.3214**.

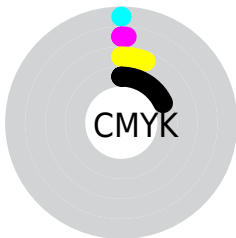
Distribution



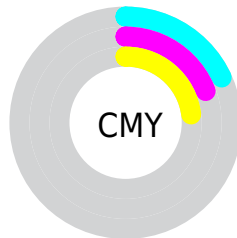
- Red (82%)
- Green (81%)
- Blue (77%)



- Red (79%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7291, 0.3214, 0.3395 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 61.7291, 0.3214, 0.3395 by changing the saturation by 10% instead.

■ 61.7291, 0.3214,
0.3395

■ 61.7291, 0.3214,
0.3395

430.9422, 0.3173,
0.3345

■ 44.8138, 0.3224,
0.3407

107.3339, 0.3199,
0.3377

■ 31.3108, 0.3236,
0.3422

136.7922, 0.3194,
0.3371

■ 20.8356, 0.3252,
0.3441

171.2004, 0.3189,
0.3365

■ 13.0039, 0.3273,
0.3467

210.9428, 0.3185,
0.3360

■ 7.4312, 0.3303,
0.3503

256.4037, 0.3181,
0.3355

■ 3.7332, 0.3348,
0.3558

307.9677, 0.3178,

■ 1.5255, 0.3424,

0.3351

366.0191, 0.3175,
0.3348

0.3652

0.3066, 0.4752,
0.5248

0.0000, 0.0000,
0.0000

61.7291, 0.3214,
0.3395

61.7291, 0.3214,
0.3395

58.3913, 0.3376,
0.3585

65.2869, 0.3065,
0.3214

55.2592, 0.3550,
0.3780

69.0626, 0.2930,
0.3044

52.3290, 0.3733,
0.3975

72.7585, 0.2836,
0.2933

49.5936, 0.3920,
0.4162

75.5383, 0.2839,
0.2990

47.0454, 0.4106,
0.4331

78.4029, 0.2842,
0.3045

44.6759, 0.4282,
0.4473

81.3531, 0.2845,
0.3101

42.4760, 0.4441,
0.4576

84.3896, 0.2847,
0.3156

40.4349, 0.4574,
0.4633

87.5130, 0.2850,
0.3210

38.5395, 0.4677,
0.4643

90.7241, 0.2853,
0.3264

Harmonies

Analogous

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



61.7291, 0.3245, 0.3368



61.7291, 0.3214, 0.3395



61.7291, 0.3160, 0.3393

Triad

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



61.7291, 0.3214, 0.3395



61.7291, 0.3012, 0.3257



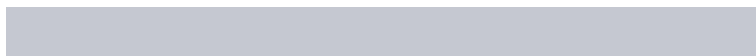
61.7291, 0.3157, 0.3219

Complementary

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



61.7291, 0.3214, 0.3395



57.7626, 0.3040, 0.3183

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.



61.7291, 0.3094, 0.3189



61.7291, 0.3214, 0.3395



61.7291, 0.3011, 0.3211

Square

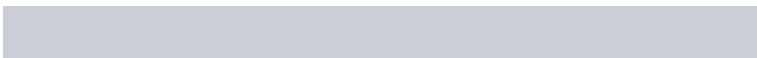
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.7291, 0.3214, 0.3395



61.7291, 0.3043, 0.3313



61.7291, 0.3041, 0.3186



61.7291, 0.3212, 0.3267

Rectangle

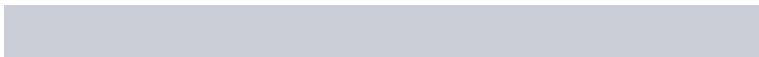
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7291, 0.3214, 0.3395



61.7291, 0.3118, 0.3376



61.7291, 0.3041, 0.3186



61.7291, 0.3136, 0.3206

Sweetspot

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



61.7318, 0.3214, 0.3395



98.8737, 0.3157, 0.3327



57.6533, 0.3200, 0.3255



21.1749, 0.3156, 0.3325



0.0000, 0.0000, 0.0000



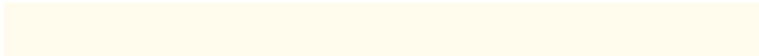
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7318, 0.3214, 0.3395



96.1188, 0.3235, 0.3420



62.7390, 0.3188, 0.3430



13.4217, 0.3242, 0.3429



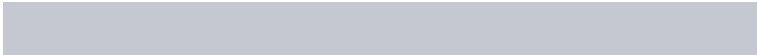
23.4533, 0.4706, 0.4645



1.4322, 0.4592, 0.4736

Inverse Universe

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



57.7626, 0.3040, 0.3183



88.4957, 0.3019, 0.3156



56.8124, 0.3064, 0.3148



12.2907, 0.3012, 0.3148



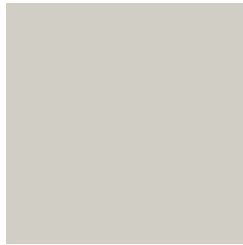
4.4676, 0.1582, 0.0893



0.3777, 0.1682, 0.1255

Previews

White Background



This preview shows how the Yxy color 61.7291, 0.3214, 0.3395 looks on a white background.

Color Contrast Check

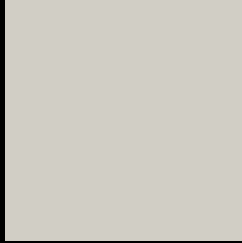
Large Text (above 18pt) WCAG AA × Fail

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 61.7291, 0.3214, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

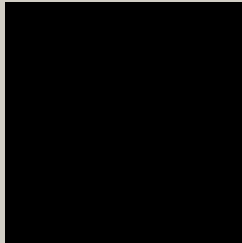
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

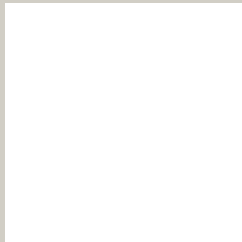
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7291, 0.3214, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 61.7291, 0.3214, 0.3395.

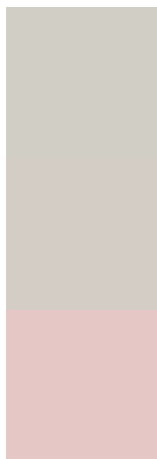


This preview shows how white text looks on a background with the Yxy color 61.7291, 0.3214, 0.3395.

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

61.7291, 0.3214, 0.3395

Protanopia

61.6909, 0.3239, 0.3383

Deuteranopia

61.5821, 0.3374, 0.3302



Tritanopia

61.8234, 0.3083, 0.3109

Trichromacy



Original Color

61.7291, 0.3214, 0.3395

Protanomaly

61.5427, 0.3231, 0.3383

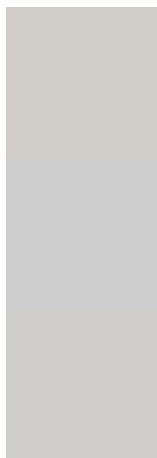
Deuteranomaly

61.8479, 0.3314, 0.3336

Tritanomaly

61.7378, 0.3131, 0.3210

Monochromacy



Original Color

61.7291, 0.3214, 0.3395

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7198, 0.3156, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7291, 0.3214, 0.3395 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(209, 206, 197)` looks like.

```
.text, #text, p{  
    color:rgb(209, 206, 197)  
}
```

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(209, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 206, 197) }
```

Border

The CSS property to change the border of an element to Yxy 61.7291, 0.3214, 0.3395 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(209, 206, 197) }
```

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

```
.border{ border-color:rgb(209, 206, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 206, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 206, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 206, 197);  
box-shadow:4px 4px 4px 4px rgb(209, 206,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7291, 0.3214, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 206, 197) }
```

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

```
.background{ background-color: rgb(209,  
206, 197) }
```

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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