

Converting Colors

$Yxy(61.2938, 0.3265, 0.3397)$

Have a look what the booklet for
Yxy(61.2938, 0.3265, 0.3397)
contains.

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Color

Yxy(61.2720, 0.3262, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	D5CCC3
RGB	213, 204, 195
RGB Percent	84%, 80%, 76%
CMY	0.1647, 0.2000, 0.2352
CMYK	0.00, 0.04, 0.08, 0.16
HSL	30°, 18%, 80%
HSV	30°, 8%, 84%
XYZ	58.8890, 61.2720, 60.3693
YIQ	205.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

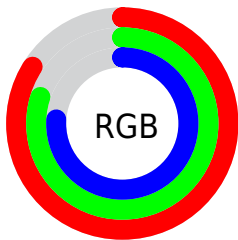
Format	Color
R _Y B	213, 213, 195
Decimal	14011587
CIE Lab	82.52, 1.58, 5.57
CIE LCh	83, 5.786, 74.167
Yxy	61.2720, 0.3262, 0.3394
Android (android.graphics.Color)	4292201667 (0xFFD5CCC3)
YUV	205.6650, -5.2578, 6.4328
Hunter-Lab	78.2764, -2.6945, 9.0671

Details

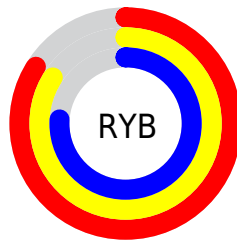
The Yxy color **61.2720, 0.3262, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6177, 0.2997, 0.3184**, and the grayscale version is **61.5299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **31.0049, 0.3297, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **55.4754, 0.3443, 0.3524**, and if you desaturate by 10%, it is **67.5594, 0.3104, 0.3271**.

Distribution



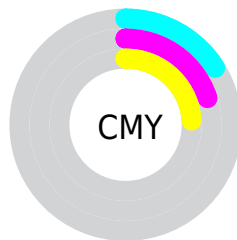
- Red (84%)
- Green (80%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2720, 0.3262, 0.3394 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 61.2720, 0.3262, 0.3394 by changing the saturation by 10% instead.

■ 61.2720, 0.3262,
0.3394

■ 61.2720, 0.3262,
0.3394

429.2706, 0.3198,
0.3345

■ 44.4447, 0.3277,
0.3406

106.6727, 0.3239,
0.3377

■ 31.0203, 0.3296,
0.3420

136.0149, 0.3230,
0.3370

■ 20.6143, 0.3321,
0.3439

170.2975, 0.3223,
0.3364

■ 12.8424, 0.3355,
0.3464

209.9049, 0.3217,
0.3359

■ 7.3201, 0.3402,
0.3499

255.2215, 0.3211,
0.3355

■ 3.6631, 0.3473,
0.3552

306.6317, 0.3206,

■ 1.4869, 0.3595,

0.3351

0.3640

364.5200, 0.3201,
0.3348

0.2795, 0.5211,
0.4789

0.0000, 0.0000,
0.0000

61.2720, 0.3262,
0.3394

61.2720, 0.3262,
0.3394

55.4754, 0.3443,
0.3524

67.5594, 0.3104,
0.3271

50.1490, 0.3648,
0.3658

74.3418, 0.2966,
0.3157

45.2819, 0.3878,
0.3793

81.3776, 0.2868,
0.3092

40.8603, 0.4130,
0.3920

87.7126, 0.2873,
0.3204

■ 36.8690, 0.4400,
0.4032

■ 92.8882, 0.2877,
0.3289

■ 33.2921, 0.4676,
0.4115

■ 30.1121, 0.4945,
0.4157

■ 27.3095, 0.5189,
0.4148

■ 24.8589, 0.5394,
0.4086

Harmonies

Analogous

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



61.2720, 0.3271, 0.3343



61.2720, 0.3262, 0.3394



61.2720, 0.3217, 0.3418

Triad

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



61.2720, 0.3262, 0.3394



61.2720, 0.3015, 0.3301



61.2720, 0.3106, 0.3176

Complementary

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



61.2720, 0.3262, 0.3394



59.6177, 0.2997, 0.3184

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.



61.2720, 0.3038, 0.3164



61.2720, 0.3262, 0.3394



61.2720, 0.2986, 0.3235

Square

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



61.2720, 0.3262, 0.3394



61.2720, 0.3074, 0.3364



61.2720, 0.2994, 0.3185



61.2720, 0.3180, 0.3218

Rectangle

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



61.2720, 0.3262, 0.3394



61.2720, 0.3172, 0.3415



61.2720, 0.2994, 0.3185



61.2720, 0.3081, 0.3169

Sweetspot

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



61.2747, 0.3262, 0.3394



97.0947, 0.3174, 0.3327



57.5667, 0.3202, 0.3183



20.6185, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



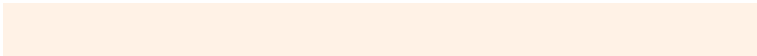
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2747, 0.3262, 0.3394



90.5789, 0.3290, 0.3415



65.5342, 0.3252, 0.3493



13.4337, 0.3279, 0.3406



15.1707, 0.5402, 0.4092



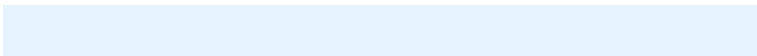
1.0806, 0.5138, 0.4302

Inverse Universe

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



59.6177, 0.2997, 0.3184



87.6330, 0.2971, 0.3162



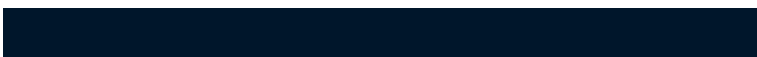
55.5888, 0.2997, 0.3079



13.0270, 0.2982, 0.3171



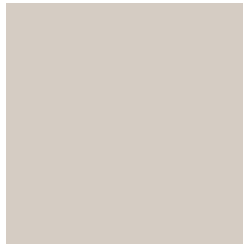
9.5333, 0.1776, 0.1591



0.7406, 0.1862, 0.1904

Previews

White Background



This preview shows how the Yxy color 61.2720, 0.3262, 0.3394 looks on a white background.

Color Contrast Check

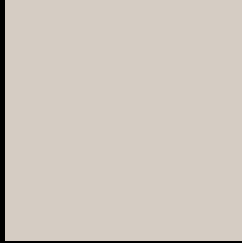
Large Text (above 18pt) WCAG AA × Fail

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 61.2720, 0.3262, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

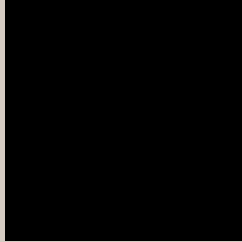
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

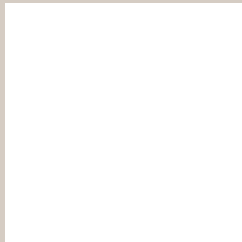
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2720, 0.3262, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 61.2720, 0.3262, 0.3394.

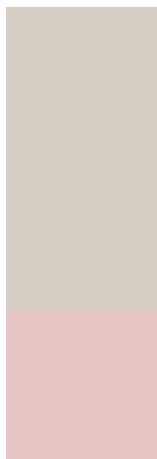


This preview shows how white text looks on a background with the Yxy color 61.2720, 0.3262, 0.3394.

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

61.2720, 0.3262, 0.3394

Protanopia

61.4517, 0.3245, 0.3406

Deuteranopia

61.0317, 0.3391, 0.3313



Tritanopia

61.3820, 0.3128, 0.3110

Trichromacy



Original Color

61.2720, 0.3262, 0.3394

Protanomaly

61.5998, 0.3253, 0.3406

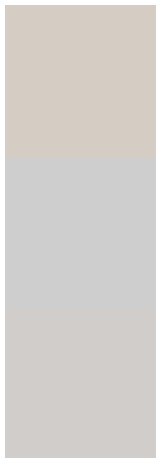
Deuteranomaly

60.9821, 0.3340, 0.3336

Tritanomaly

61.2916, 0.3177, 0.3211

Monochromacy



Original Color

61.2720, 0.3262, 0.3394

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.4822, 0.3179, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2720, 0.3262, 0.3394 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, 204, 195)` looks like.

```
.text, #text, p{  
    color:rgb(213, 204, 195)  
}
```

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, 204, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 204, 195) }
```

Border

The CSS property to change the border of an element to Yxy 61.2720, 0.3262, 0.3394 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, 204, 195) }
```

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

```
.border{ border-color:rgb(213, 204, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 204, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 204, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 204, 195); box-shadow:4px 4px 4px 4px rgb(213, 204, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2720, 0.3262, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 204, 195) }
```

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

```
.background{ background-color: rgb(213,  
204, 195) }
```

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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