

Converting Colors

Yxy(61.4266, 0.3260, 0.3381)

Have a look what the booklet for
Yxy(61.4266, 0.3260, 0.3381)
contains.

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Color

Yxy(61.4674, 0.3263, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	D6CCC4
RGB	214, 204, 196
RGB Percent	84%, 80%, 77%
CMY	0.1607, 0.2000, 0.2315
CMYK	0.00, 0.05, 0.08, 0.16
HSL	27°, 18%, 80%
HSV	27°, 8%, 84%
XYZ	59.2871, 61.4674, 60.9405
YIQ	206.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

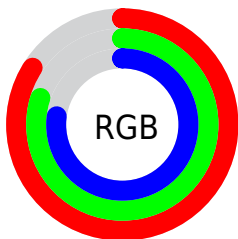
Format	Color
R _Y B	214, 210, 196
Decimal	14077124
CIE Lab	82.63, 2.09, 5.23
CIE LCh	83, 5.630, 68.257
Yxy	61.4674, 0.3263, 0.3383
Android (android.graphics.Color)	4292267204 (0xFFD6CCC4)
YUV	206.0780, -4.9685, 6.9476
Hunter-Lab	78.4011, -2.2201, 8.7952

Details

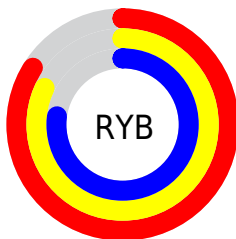
The Yxy color **61.4674, 0.3263, 0.3383** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7138, 0.2998, 0.3195**, and the grayscale version is **61.8033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **31.1366, 0.3298, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **55.1371, 0.3447, 0.3499**, and if you desaturate by 10%, it is **68.3717, 0.3104, 0.3273**.

Distribution



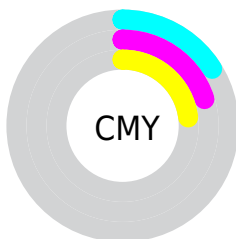
- Red (84%)
- Green (80%)
- Blue (77%)



- Red (84%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4674, 0.3263, 0.3383 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 61.4674, 0.3263, 0.3383 by changing the saturation by 10% instead.

■ 61.4674, 0.3263,
0.3383

■ 61.4674, 0.3263,
0.3383

429.9857, 0.3198,
0.3339

■ 44.6025, 0.3278,
0.3393

106.9554, 0.3240,
0.3367

■ 31.1444, 0.3298,
0.3406

136.3473, 0.3231,
0.3362

■ 20.7089, 0.3323,
0.3423

170.6836, 0.3224,
0.3356

■ 12.9114, 0.3356,
0.3445

210.3488, 0.3217,
0.3352

■ 7.3675, 0.3404,
0.3476

255.7272, 0.3212,
0.3348

■ 3.6930, 0.3476,
0.3523

307.2032, 0.3206,

■ 1.5034, 0.3598,

0.3345

0.3600

365.1612, 0.3202,
0.3342

0.2911, 0.5295,
0.4705

0.0000, 0.0000,
0.0000

61.4674, 0.3263,
0.3383

61.4674, 0.3263,
0.3383

55.1371, 0.3447,
0.3499

68.3717, 0.3104,
0.3273

49.3575, 0.3658,
0.3620

75.8568, 0.2966,
0.3171

44.1150, 0.3898,
0.3741

83.6022, 0.2876,
0.3130

39.3927, 0.4165,
0.3856

90.8021, 0.2881,
0.3253

■ 35.1726, 0.4455,
0.3955

■ 93.0380, 0.2883,
0.3289

■ 31.4354, 0.4756,
0.4026

■ 28.1601, 0.5052,
0.4057

■ 25.3236, 0.5321,
0.4036

■ 22.8964, 0.5548,
0.3963

Harmonies

Analogous

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



61.4674, 0.3264, 0.3329



61.4674, 0.3263, 0.3383



61.4674, 0.3225, 0.3413

Triad

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



61.4674, 0.3263, 0.3383



61.4674, 0.3027, 0.3313



61.4674, 0.3092, 0.3175

Complementary

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



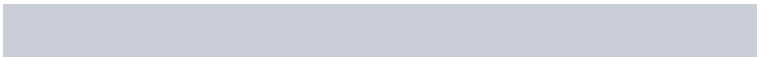
61.4674, 0.3263, 0.3383



60.7138, 0.2998, 0.3195

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.



61.4674, 0.3030, 0.3169



61.4674, 0.3263, 0.3383



61.4674, 0.2992, 0.3249

Square

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



61.4674, 0.3263, 0.3383



61.4674, 0.3089, 0.3373



61.4674, 0.2993, 0.3196



61.4674, 0.3165, 0.3210

Rectangle

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



61.4674, 0.3263, 0.3383



61.4674, 0.3184, 0.3414



61.4674, 0.2993, 0.3196



61.4674, 0.3069, 0.3169

Sweetspot

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



61.4701, 0.3263, 0.3383



96.8409, 0.3174, 0.3323



58.2261, 0.3195, 0.3173



20.5501, 0.3187, 0.3332



0.0000, 0.0000, 0.0000



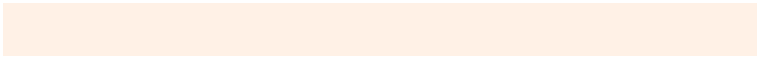
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4701, 0.3263, 0.3383



89.7748, 0.3292, 0.3402



65.7742, 0.3253, 0.3482



13.3227, 0.3280, 0.3394



13.8284, 0.5557, 0.3970



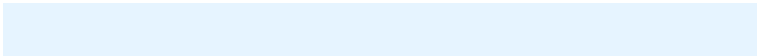
0.9978, 0.5263, 0.4203

Inverse Universe

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



60.7138, 0.2998, 0.3195



88.4433, 0.2972, 0.3175



56.5939, 0.2997, 0.3090



13.1389, 0.2982, 0.3184



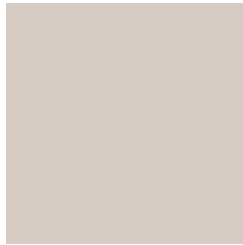
11.0679, 0.1826, 0.1772



0.8316, 0.1905, 0.2058

Previews

White Background



This preview shows how the Yxy color 61.4674, 0.3263, 0.3383 looks on a white background.

Color Contrast Check

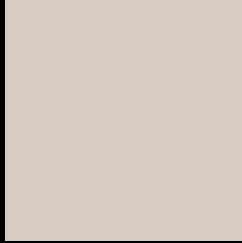
Large Text (above 18pt) WCAG AA × Fail

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 61.4674, 0.3263, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

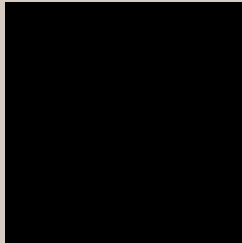
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4674, 0.3263, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 61.4674, 0.3263, 0.3383.

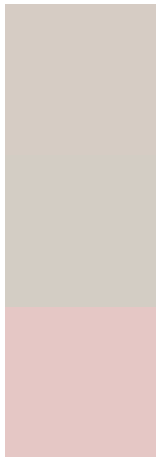


This preview shows how white text looks on a background with the Yxy color 61.4674, 0.3263, 0.3383.

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

61.4674, 0.3263, 0.3383

Protanopia

61.4970, 0.3238, 0.3395

Deuteranopia

61.5361, 0.3382, 0.3313



Tritanopia

61.5348, 0.3136, 0.3111

Trichromacy



Original Color

61.4674, 0.3263, 0.3383

Protanomaly

61.6452, 0.3246, 0.3394

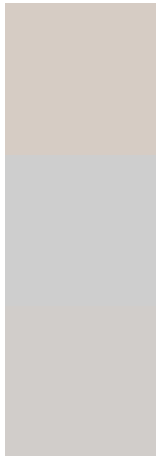
Deuteranomaly

61.6518, 0.3339, 0.3336

Tritanomaly

61.4434, 0.3185, 0.3211

Monochromacy



Original Color

61.4674, 0.3263, 0.3383

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 61.4674, 0.3263, 0.3383 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(214, 204, 196) looks like.

```
.text, #text, p{  
    color:rgb(214, 204, 196)  
}
```

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(214, 204, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 204, 196) }
```

Border

The CSS property to change the border of an element to Yxy 61.4674, 0.3263, 0.3383 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(214, 204, 196) }
```

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

```
.border{ border-color:rgb(214, 204, 196) }
```

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

Here you see how a box with a 4 pixel rgb(214, 204, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 204, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 204, 196);  
box-shadow:4px 4px 4px 4px rgb(214, 204,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4674, 0.3263, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 204, 196) }
```

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

```
.background{ background-color: rgb(214,  
204, 196) }
```

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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