

Converting Colors

Yxy(61.2214, 0.3281, 0.3346)

Have a look what the booklet for
Yxy(61.2214, 0.3281, 0.3346)
contains.

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Color

Yxy(61.0240, 0.3281, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	D9CAC5
RGB	217, 202, 197
RGB Percent	85%, 79%, 77%
CMY	0.1492, 0.2078, 0.2275
CMYK	0.00, 0.07, 0.09, 0.15
HSL	15°, 21%, 81%
HSV	15°, 9%, 85%
XYZ	59.8028, 61.0240, 61.4432
YIQ	205.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

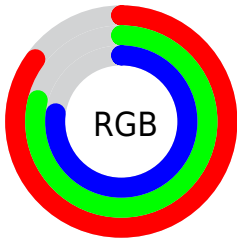
Format	Color
R _Y B	217, 204, 197
Decimal	14273221
CIE Lab	82.39, 4.35, 4.37
CIE LCh	82, 6.162, 45.147
Yxy	61.0240, 0.3281, 0.3348
Android (android.graphics.Color)	4292463301 (0xFFD9CAC5)
YUV	205.9150, -4.3951, 9.7215
Hunter-Lab	78.1179, -0.0563, 8.0482

Details

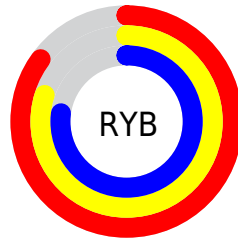
The Yxy color **61.0240, 0.3281, 0.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9256, 0.2986, 0.3231**, and the grayscale version is **61.6857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **30.8444, 0.3323, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **52.8822, 0.3480, 0.3415**, and if you desaturate by 10%, it is **70.1152, 0.3115, 0.3285**.

Distribution



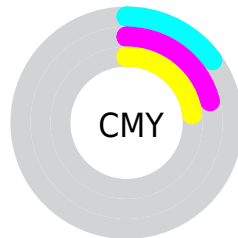
- Red (85%)
- Green (79%)
- Blue (77%)



- Red (85%)
- Yellow (80%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0240, 0.3281, 0.3348 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 61.0240, 0.3281, 0.3348 by changing the saturation by 10% instead.

■ 61.0240, 0.3281,
0.3348

■ 61.0240, 0.3281,
0.3348

428.3620, 0.3207,
0.3321

■ 44.2445, 0.3299,
0.3354

106.3137, 0.3255,
0.3338

■ 30.8628, 0.3321,
0.3362

135.5927, 0.3245,
0.3335

■ 20.4944, 0.3349,
0.3372

169.8070, 0.3236,
0.3332

■ 12.7549, 0.3387,
0.3386

209.3410, 0.3229,
0.3329

■ 7.2600, 0.3442,
0.3404

254.5791, 0.3223,
0.3327

■ 3.6252, 0.3525,
0.3431

305.9057, 0.3217,

■ 1.4662, 0.3667,

0.3324

0.3475

363.7052, 0.3212,
0.3323

0.2648, 0.5747,
0.4253

0.0000, 0.0000,
0.0000

61.0240, 0.3281,
0.3348

61.0240, 0.3281,
0.3348

52.8822, 0.3480,
0.3415

70.1152, 0.3115,
0.3285

45.6511, 0.3717,
0.3485

80.1770, 0.2976,
0.3227

39.3009, 0.3998,
0.3555

90.7759, 0.2898,
0.3246

33.7972, 0.4325,
0.3619

93.4849, 0.2900,
0.3289

■ 29.1035, 0.4691,
0.3670

■ 25.1802, 0.5083,
0.3696

■ 21.9844, 0.5470,
0.3688

■ 19.4684, 0.5810,
0.3638

■ 17.5738, 0.6071,
0.3553

Harmonies

Analogous

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



61.0240, 0.3250, 0.3280



61.0240, 0.3281, 0.3348



61.0240, 0.3270, 0.3402

Triad

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



61.0240, 0.3281, 0.3348



61.0240, 0.3068, 0.3367



61.0240, 0.3034, 0.3156

Complementary

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



61.0240, 0.3281, 0.3348



63.9256, 0.2986, 0.3231

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.



61.0240, 0.2986, 0.3177



61.0240, 0.3281, 0.3348



61.0240, 0.3006, 0.3299

Square

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



61.0240, 0.3281, 0.3348



61.0240, 0.3146, 0.3415



61.0240, 0.2976, 0.3229



61.0240, 0.3107, 0.3170

Rectangle

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



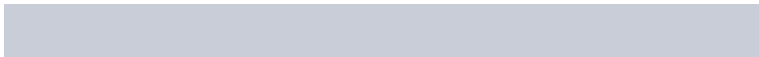
61.0240, 0.3281, 0.3348



61.0240, 0.3240, 0.3423



61.0240, 0.2976, 0.3229



61.0240, 0.3014, 0.3159

Sweetspot

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



61.0267, 0.3281, 0.3348



95.9202, 0.3175, 0.3309



59.4245, 0.3174, 0.3121



20.3021, 0.3188, 0.3314



0.0000, 0.0000, 0.0000



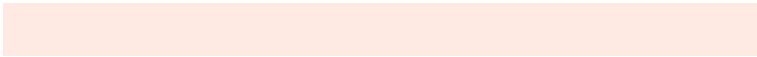
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0267, 0.3281, 0.3348



85.6595, 0.3316, 0.3360



65.8448, 0.3269, 0.3460



13.5821, 0.3285, 0.3350



10.7087, 0.6065, 0.3566



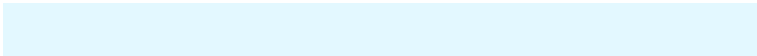
0.8311, 0.5742, 0.3822

Inverse Universe

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



63.9256, 0.2986, 0.3231



90.6354, 0.2957, 0.3218



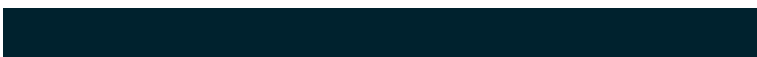
59.1087, 0.2985, 0.3114



14.2449, 0.2982, 0.3230



18.9192, 0.2016, 0.2457



1.3597, 0.2058, 0.2608

Previews

White Background



This preview shows how the Yxy color 61.0240, 0.3281, 0.3348 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 61.0240, 0.3281, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

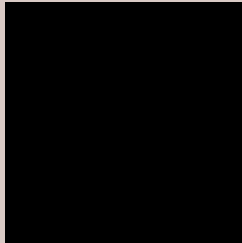
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0240, 0.3281, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 61.0240, 0.3281, 0.3348.



This preview shows how white text looks on a background with the Yxy color 61.0240, 0.3281, 0.3348.

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

61.0240, 0.3281, 0.3348

Protanopia

60.9646, 0.3217, 0.3360

Deuteranopia

60.9594, 0.3368, 0.3291



Tritanopia

60.8132, 0.3167, 0.3111

Trichromacy



Original Color

61.0240, 0.3281, 0.3348

Protanomaly

60.9352, 0.3241, 0.3348

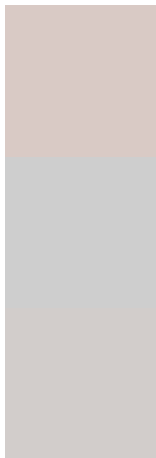
Deuteranomaly

60.7714, 0.3334, 0.3302

Tritanomaly

60.7680, 0.3210, 0.3200

Monochromacy



Original Color

61.0240, 0.3281, 0.3348

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6761, 0.3180, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0240, 0.3281, 0.3348 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(217, 202, 197)` looks like.

```
.text, #text, p{  
    color:rgb(217, 202, 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(217, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 202, 197) }
```

Border

The CSS property to change the border of an element to Yxy 61.0240, 0.3281, 0.3348 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(217, 202, 197) }
```

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

```
.border{ border-color:rgb(217, 202, 197) }
```

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

Here you see how a box with a 4 pixel rgb(217, 202, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 202, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 202, 197);  
box-shadow:4px 4px 4px 4px rgb(217, 202,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0240, 0.3281, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 202, 197) }
```

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

```
.background{ background-color: rgb(217,  
202, 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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