

Converting Colors

$Yxy(66.4099, 0.3260, 0.3418)$

Have a look what the booklet for
Yxy(66.4099, 0.3260, 0.3418)
contains.

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Color

Yxy(66.3641, 0.3256, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	DBD4C9
RGB	219, 212, 201
RGB Percent	86%, 83%, 79%
CMY	0.1413, 0.1686, 0.2118
CMYK	0.00, 0.03, 0.08, 0.14
HSL	37°, 20%, 82%
HSV	37°, 8%, 86%
XYZ	63.2928, 66.3641, 64.7312
YIQ	212.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

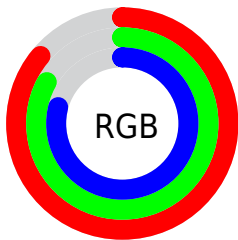
Format	Color
R _Y B	212, 219, 201
Decimal	14406857
CIE Lab	85.18, 0.50, 6.28
CIE LCh	85, 6.301, 85.480
Yxy	66.3641, 0.3256, 0.3414
Android (android.graphics.Color)	4292596937 (0xFFDBD4C9)
YUV	212.8390, -5.8366, 5.4032
Hunter-Lab	81.4642, -3.8785, 9.9132

Details

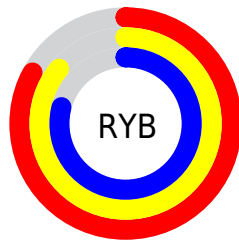
The Yxy color **66.3641, 0.3256, 0.3414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6213, 0.3001, 0.3163**, and the grayscale version is **66.4615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1130, 0.3289, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **61.2810, 0.3430, 0.3572**, and if you desaturate by 10%, it is **71.8224, 0.3101, 0.3264**.

Distribution



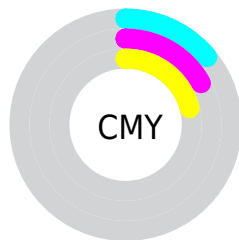
- Red (86%)
- Green (83%)
- Blue (79%)



- Red (83%)
- Yellow (86%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3641, 0.3256, 0.3414 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 66.3641, 0.3256, 0.3414 by changing the saturation by 10% instead.

■ 66.3641, 0.3256,
0.3414

■ 66.3641, 0.3256,
0.3414

447.6779, 0.3195,
0.3356

■ 48.5680, 0.3270,
0.3428

114.0088, 0.3235,
0.3394

■ 34.2769, 0.3288,
0.3444

144.6261, 0.3227,
0.3386

■ 23.1064, 0.3310,
0.3466

180.2861, 0.3219,
0.3379

■ 14.6721, 0.3340,
0.3495

221.3729, 0.3213,
0.3373

■ 8.5896, 0.3382,
0.3534

268.2712, 0.3208,
0.3368

■ 4.4745, 0.3444,
0.3593

321.3652, 0.3203,

■ 1.9424, 0.3545,

0.3363

0.3689

381.0393, 0.3199,
0.3359

0.5737, 0.4234,
0.4358

0.0000, 0.0000,
0.0000

66.3641, 0.3256,
0.3414

66.3641, 0.3256,
0.3414

61.2810, 0.3430,
0.3572

71.8224, 0.3101,
0.3264

56.5549, 0.3622,
0.3735

77.6563, 0.2963,
0.3123

52.1786, 0.3831,
0.3898

83.1014, 0.2905,
0.3109

48.1414, 0.4053,
0.4053

88.1387, 0.2908,
0.3197

■ 44.4317, 0.4283,
0.4190

■ 93.4114, 0.2911,
0.3283

■ 41.0373, 0.4510,
0.4298

■ 93.7956, 0.2911,
0.3289

■ 37.9445, 0.4724,
0.4364

■ 35.1376, 0.4912,
0.4381

■ 32.5957, 0.5066,
0.4347

Harmonies

Analogous

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



66.3641, 0.3281, 0.3369



66.3641, 0.3256, 0.3414



66.3641, 0.3196, 0.3426

Triad

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



66.3641, 0.3256, 0.3414



66.3641, 0.2992, 0.3274



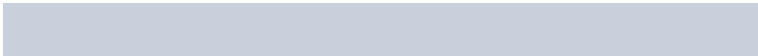
66.3641, 0.3134, 0.3183

Complementary

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



66.3641, 0.3256, 0.3414



62.6213, 0.3001, 0.3163

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.



66.3641, 0.3057, 0.3157



66.3641, 0.3256, 0.3414



66.3641, 0.2976, 0.3209

Square

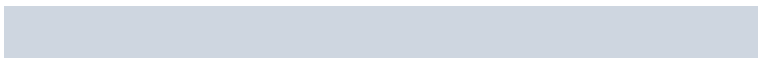
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.3641, 0.3256, 0.3414



66.3641, 0.3044, 0.3345



66.3641, 0.2999, 0.3167



66.3641, 0.3210, 0.3236

Rectangle

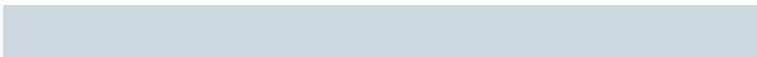
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.3641, 0.3256, 0.3414



66.3641, 0.3145, 0.3413



66.3641, 0.2999, 0.3167



66.3641, 0.3108, 0.3171

Sweetspot

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



66.3670, 0.3256, 0.3414



98.4227, 0.3158, 0.3320



61.3924, 0.3215, 0.3209



21.0831, 0.3156, 0.3318



0.0000, 0.0000, 0.0000



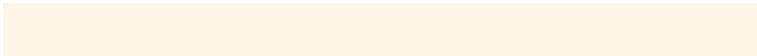
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3670, 0.3256, 0.3414



92.3280, 0.3287, 0.3443



69.6436, 0.3235, 0.3491



14.3734, 0.3276, 0.3433



19.2951, 0.5076, 0.4352



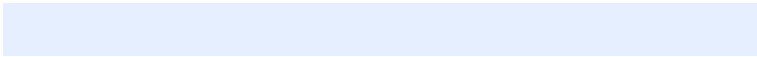
1.4153, 0.4894, 0.4496

Inverse Universe

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



62.6213, 0.3001, 0.3163



85.9109, 0.2971, 0.3132



59.5545, 0.3014, 0.3082



13.4396, 0.2981, 0.3143



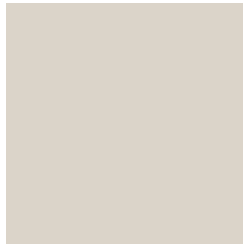
7.0617, 0.1676, 0.1233



0.6216, 0.1767, 0.1561

Previews

White Background



This preview shows how the Yxy color 66.3641, 0.3256, 0.3414 looks on a white background.

Color Contrast Check

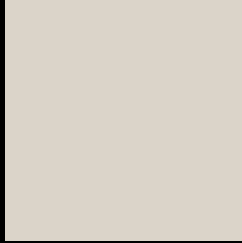
Large Text (above 18pt) WCAG AA × Fail

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 66.3641, 0.3256, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

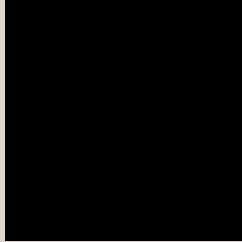
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

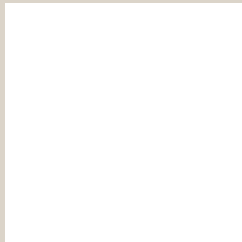
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3641, 0.3256, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 66.3641, 0.3256, 0.3414.

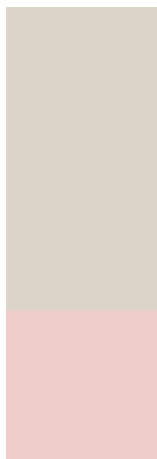


This preview shows how white text looks on a background with the Yxy color 66.3641, 0.3256, 0.3414.

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

66.3641, 0.3256, 0.3414

Protanopia

66.3641, 0.3256, 0.3414

Deuteranopia

66.4114, 0.3396, 0.3334



Tritanopia

66.0776, 0.3114, 0.3105

Trichromacy



Original Color

66.3641, 0.3256, 0.3414

Protanomaly

66.3641, 0.3256, 0.3414

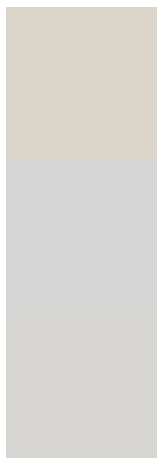
Deuteranomaly

66.1990, 0.3339, 0.3356

Tritanomaly

65.9309, 0.3168, 0.3213

Monochromacy



Original Color

66.3641, 0.3256, 0.3414

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6390, 0.3169, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3641, 0.3256, 0.3414 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(219, 212, 201)` looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 201)  
}
```

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(219, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 201) }
```

Border

The CSS property to change the border of an element to Yxy 66.3641, 0.3256, 0.3414 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(219, 212, 201) }
```

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

```
.border{ border-color:rgb(219, 212, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 212, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(219, 212,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3641, 0.3256, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 201) }
```

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

```
.background{ background-color: rgb(219,  
212, 201) }
```

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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