

Converting Colors

Yxy(66.3030, 0.3329, 0.3433)

Have a look what the booklet for
Yxy(66.3030, 0.3329, 0.3433)
contains.

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Color

Yxy(66.1780, 0.3326, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	E1D2C6
RGB	225, 210, 198
RGB Percent	88%, 82%, 78%
CMY	0.1178, 0.1764, 0.2235
CMYK	0.00, 0.07, 0.12, 0.12
HSL	27°, 31%, 83%
HSV	27°, 12%, 88%
XYZ	64.2839, 66.1780, 62.8150
YIQ	213.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

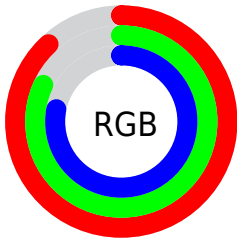
Format	Color
R _Y B	225, 220, 198
Decimal	14799558
CIE Lab	85.09, 3.17, 7.79
CIE LCh	85, 8.415, 67.857
Yxy	66.1780, 0.3326, 0.3424
Android (android.graphics.Color)	4292989638 (0xFFE1D2C6)
YUV	213.1170, -7.4527, 10.4214
Hunter-Lab	81.3499, -1.3089, 11.1636

Details

The Yxy color **66.1780, 0.3326, 0.3424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0093, 0.2941, 0.3152**, and the grayscale version is **66.6658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3366, 0.3381, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **59.2955, 0.3520, 0.3543**, and if you desaturate by 10%, it is **73.7009, 0.3158, 0.3311**.

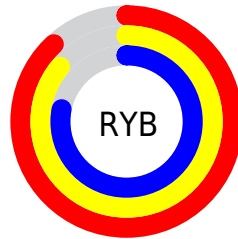
Distribution



Red (88%)

Green (82%)

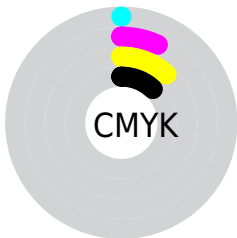
Blue (78%)



Red (88%)

Yellow (86%)

Blue (78%)

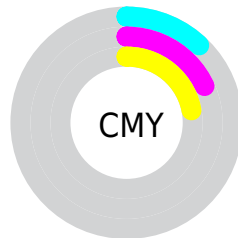


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1780, 0.3326, 0.3424 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 66.1780, 0.3326, 0.3424 by changing the saturation by 10% instead.

■ 66.1780, 0.3326,
0.3424

■ 66.1780, 0.3326,
0.3424

447.0132, 0.3232,
0.3362

■ 48.4169, 0.3348,
0.3438

113.7418, 0.3293,
0.3402

■ 34.1572, 0.3375,
0.3456

144.3132, 0.3280,
0.3394

■ 23.0144, 0.3411,
0.3479

179.9236, 0.3269,
0.3387

■ 14.6041, 0.3457,
0.3509

220.9573, 0.3260,
0.3380

■ 8.5420, 0.3522,
0.3550

267.7988, 0.3252,
0.3375

■ 4.4437, 0.3619,
0.3610

320.8323, 0.3244,

■ 1.9247, 0.3777,

0.3370

380.4423, 0.3238,
0.3365

0.3705

0.5632, 0.4925,
0.4527

0.0000, 0.0000,
0.0000

66.1780, 0.3326,
0.3424

66.1780, 0.3326,
0.3424

59.2955, 0.3520,
0.3543

73.7009, 0.3158,
0.3311

53.0270, 0.3742,
0.3664

81.8723, 0.3012,
0.3206

47.3567, 0.3993,
0.3784

90.0166, 0.2945,
0.3213

42.2652, 0.4270,
0.3895

94.7424, 0.2946,
0.3289

■ 37.7316, 0.4567,
0.3985

■ 33.7333, 0.4869,
0.4043

■ 30.2459, 0.5159,
0.4055

■ 27.2421, 0.5413,
0.4013

■ 25.1557, 0.5587,
0.3946

Harmonies

Analogous

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



66.1780, 0.3327, 0.3345



66.1780, 0.3326, 0.3424



66.1780, 0.3271, 0.3469

Triad

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



66.1780, 0.3326, 0.3424



66.1780, 0.2982, 0.3325



66.1780, 0.3074, 0.3122

Complementary

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



66.1780, 0.3326, 0.3424



65.0093, 0.2941, 0.3152

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.



66.1780, 0.2984, 0.3115



66.1780, 0.3326, 0.3424



66.1780, 0.2932, 0.3230

Square

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



66.1780, 0.3326, 0.3424



66.1780, 0.3072, 0.3412



66.1780, 0.2932, 0.3153



66.1780, 0.3180, 0.3173

Rectangle

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



66.1780, 0.3326, 0.3424



66.1780, 0.3211, 0.3472



66.1780, 0.2932, 0.3153



66.1780, 0.3041, 0.3115

Sweetspot

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



66.1809, 0.3326, 0.3424



95.8041, 0.3190, 0.3334



61.2124, 0.3227, 0.3121



20.3405, 0.3202, 0.3342



0.0000, 0.0000, 0.0000



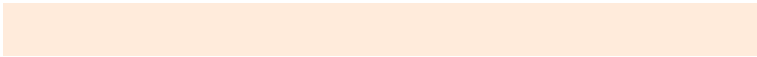
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1809, 0.3326, 0.3424



85.9222, 0.3365, 0.3449



72.9465, 0.3308, 0.3566



14.7005, 0.3281, 0.3395



14.7258, 0.5561, 0.3967



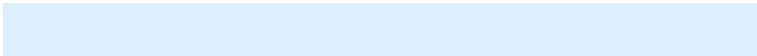
1.1973, 0.5298, 0.4175

Inverse Universe

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



65.0093, 0.2941, 0.3152



84.1176, 0.2908, 0.3126



58.6593, 0.2938, 0.2998



14.4975, 0.2981, 0.3183



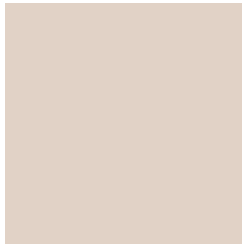
11.7896, 0.1825, 0.1769



0.9950, 0.1896, 0.2024

Previews

White Background



This preview shows how the Yxy color 66.1780, 0.3326, 0.3424 looks on a white background.

Color Contrast Check

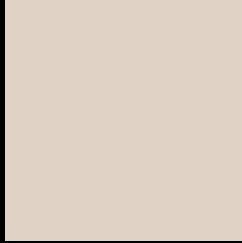
Large Text (above 18pt) WCAG AA × Fail

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 66.1780, 0.3326, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

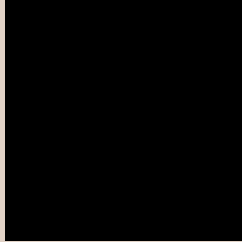
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

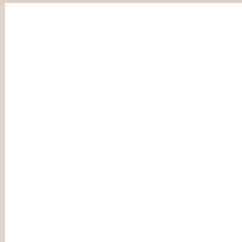
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1780, 0.3326, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 66.1780, 0.3326, 0.3424.

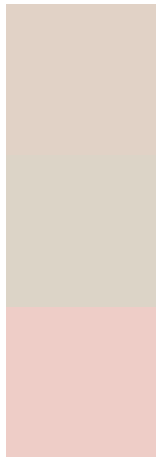


This preview shows how white text looks on a background with the Yxy color 66.1780, 0.3326, 0.3424.

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

66.1780, 0.3326, 0.3424

Protanopia

66.4261, 0.3278, 0.3436

Deuteranopia

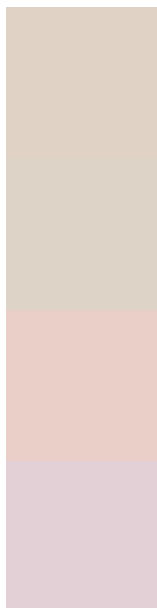
65.9633, 0.3429, 0.3356



Tritanopia

65.9643, 0.3173, 0.3107

Trichromacy



Original Color

66.1780, 0.3326, 0.3424

Protanomaly

66.2416, 0.3295, 0.3425

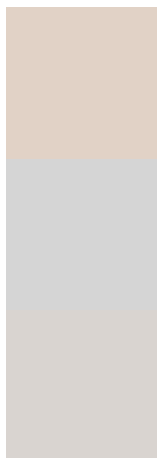
Deuteranomaly

66.0728, 0.3386, 0.3378

Tritanomaly

65.8116, 0.3229, 0.3214

Monochromacy



Original Color

66.1780, 0.3326, 0.3424

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.3927, 0.3192, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1780, 0.3326, 0.3424 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(225, 210, 198)` looks like.

```
.text, #text, p{  
    color:rgb(225, 210, 198)  
}
```

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(225, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 198) }
```

Border

The CSS property to change the border of an element to Yxy 66.1780, 0.3326, 0.3424 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(225, 210, 198) }
```

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

```
.border{ border-color:rgb(225, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 210, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 210, 198); box-shadow:4px 4px 4px 4px rgb(225, 210, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1780, 0.3326, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 198) }
```

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

```
.background{ background-color: rgb(225,  
210, 198) }
```

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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