

Converting Colors

Yxy(66.6147, 0.3198, 0.3041)

Have a look what the booklet for
Yxy(66.6147, 0.3198, 0.3041)
contains.

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Color

Yxy(66.6200, 0.3200, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	ECCCE4
RGB	236, 204, 228
RGB Percent	93%, 80%, 89%
CMY	0.0744, 0.2000, 0.1059
CMYK	0.00, 0.14, 0.03, 0.07
HSL	315°, 46%, 86%
HSV	315°, 14%, 93%
XYZ	70.1956, 66.6200, 82.5456
YIQ	216.3040, 11.3680, 14.2480

Conversions

Conversions Part 2

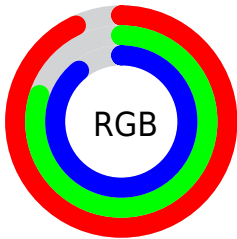
Format	Color
R _Y B	236, 204, 228
Decimal	15518948
CIE Lab	85.31, 15.27, -7.69
CIE LCh	85, 17.093, 333.264
Yxy	66.6200, 0.3200, 0.3037
Android (android.graphics.Color)	4293709028 (0xFFECCCE4)
YUV	216.3040, 5.7661, 17.2734
Hunter-Lab	81.6211, 10.6763, -2.8268

Details

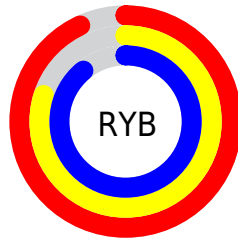
The Yxy color $66.6200, 0.3200, 0.3037$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $77.6051, 0.3062, 0.3557$, and the grayscale version is $68.8451, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.5331, 0.3212, 0.2976$ is the 20% darker color. If you saturate the color by 10%, you get $55.9165, 0.3264, 0.2843$, and if you desaturate by 10%, it is $79.0410, 0.3145, 0.3225$.

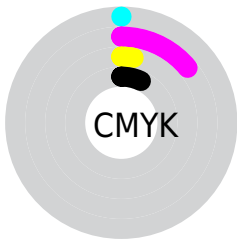
Distribution



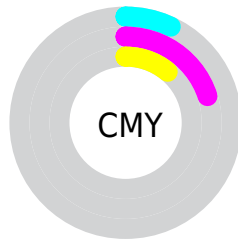
- Red (93%)
- Green (80%)
- Blue (89%)



- Red (93%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (7%)




- Cyan (7%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6200, 0.3200, 0.3037 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 66.6200, 0.3200, 0.3037 by changing the saturation by 10% instead.

 66.6200, 0.3200,
0.3037

 66.6200, 0.3200,
0.3037


448.5910, 0.3167,
0.3154

 48.7759, 0.3207,
0.3011


114.3757, 0.3189,
0.3077

 34.4417, 0.3217,
0.2978


145.0561, 0.3184,
0.3093

 23.2332, 0.3228,
0.2937


180.7841, 0.3180,
0.3107

 14.7658, 0.3243,
0.2883

221.9440, 0.3177,
0.3118

 8.6552, 0.3262,
0.2810

268.9202, 0.3174,
0.3129

 4.5169, 0.3290,
0.2705

322.0972, 0.3171,

 1.9667, 0.3332,

0.3138

0.2542

381.8593, 0.3169,
0.3146

0.5880, 0.3441,
0.2164

0.0000, 0.0000,
0.0000

66.6200, 0.3200,
0.3037

66.6200, 0.3200,
0.3037

55.9165, 0.3264,
0.2843

79.0410, 0.3145,
0.3225

46.8452, 0.3338,
0.2649

93.2422, 0.3098,
0.3404

39.3270, 0.3421,
0.2461

95.9997, 0.3063,
0.3381

33.2725, 0.3513,
0.2289

96.3695, 0.3030,
0.3322

■ 28.5831, 0.3612,
0.2144

■ 96.5793, 0.3012,
0.3290

■ 25.1482, 0.3714,
0.2035

■ 22.8399, 0.3818,
0.1971

■ 21.5024, 0.3918,
0.1956

■ 21.0023, 0.3982,
0.1967

Harmonies

Analogous

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



66.6200, 0.2987, 0.2948



66.6200, 0.3200, 0.3037



66.6200, 0.3399, 0.3188

Triad

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



66.6200, 0.3200, 0.3037



66.6200, 0.3441, 0.3644



66.6200, 0.2745, 0.3191

Complementary

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



66.6200, 0.3200, 0.3037



77.6051, 0.3062, 0.3557

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.



66.6200, 0.2858, 0.3389



66.6200, 0.3200, 0.3037



66.6200, 0.3258, 0.3658

Square

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



66.6200, 0.3200, 0.3037



66.6200, 0.3540, 0.3535



66.6200, 0.3045, 0.3564



66.6200, 0.2730, 0.3029

Rectangle

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



66.6200, 0.3200, 0.3037



66.6200, 0.3494, 0.3307



66.6200, 0.3045, 0.3564



66.6200, 0.2772, 0.3256

Sweetspot

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



66.6229, 0.3200, 0.3037



93.4998, 0.3147, 0.3217



63.2392, 0.2967, 0.2937



19.7594, 0.3151, 0.3203



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.



66.6229, 0.3200, 0.3037



76.0315, 0.3215, 0.2989



65.7761, 0.3317, 0.3205



15.2453, 0.3176, 0.3115



11.5945, 0.3966, 0.1959



0.9257, 0.3838, 0.1888

Inverse Universe

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



66.6229, 0.3200, 0.3037



76.0315, 0.3215, 0.2989



78.4521, 0.2967, 0.3377



15.2453, 0.3176, 0.3115



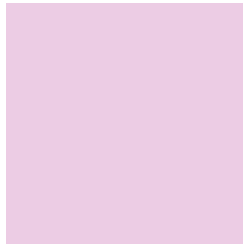
11.5945, 0.3966, 0.1959



0.9257, 0.3838, 0.1888

Previews

White Background



This preview shows how the Yxy color 66.6200, 0.3200, 0.3037 looks on a white background.

Color Contrast Check

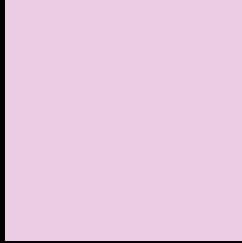
Large Text (above 18pt) WCAG AA × Fail

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 66.6200, 0.3200, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

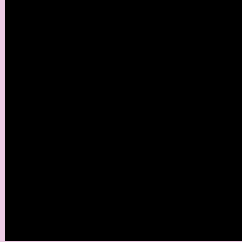
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6200, 0.3200, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 66.6200, 0.3200, 0.3037.



This preview shows how white text looks on a background with the Yxy color 66.6200, 0.3200, 0.3037.

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

66.6200, 0.3200, 0.3037

Protanopia

66.8190, 0.2980, 0.3058

Deuteranopia

66.6657, 0.3145, 0.3075



Tritanopia

66.5453, 0.3242, 0.3120

Trichromacy



Original Color

66.6200, 0.3200, 0.3037

Protanomaly

66.5861, 0.3058, 0.3051

Deuteranomaly

66.6776, 0.3168, 0.3066

Tritanomaly

66.7066, 0.3220, 0.3088

Monochromacy



Original Color

66.6200, 0.3200, 0.3037

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.9422, 0.3153, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6200, 0.3200, 0.3037 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(236, 204, 228)` looks like.

```
.text, #text, p{  
    color:rgb(236, 204, 228)  
}
```

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(236, 204, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 204, 228) }
```

Border

The CSS property to change the border of an element to Yxy 66.6200, 0.3200, 0.3037 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(236, 204, 228) }
```

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

```
.border{ border-color:rgb(236, 204, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 204, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 204, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 204, 228);  
box-shadow:4px 4px 4px 4px rgb(236, 204,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6200, 0.3200, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 204, 228) }
```

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

```
.background{ background-color: rgb(236,  
204, 228) }
```

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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