

Converting Colors

Yxy(69.8429, 0.3618, 0.3458)

Have a look what the booklet for
Yxy(69.8429, 0.3618, 0.3458)
contains.

Yxy(69.6472, 0.3621, 0.3457)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.6472, 0.3621, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFBF
RGB	255, 207, 191
RGB Percent	100%, 81%, 75%
CMY	0.0000, 0.1882, 0.2511
CMYK	0.00, 0.19, 0.25, 0.00
HSL	15°, 100%, 87%
HSV	15°, 25%, 100%
XYZ	72.9513, 69.6472, 58.8687
YIQ	219.5280, 33.7440, 5.2000

Conversions

Conversions Part 2

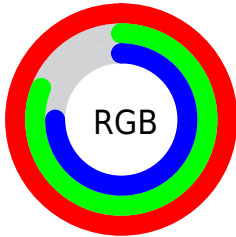
Format	Color
R _Y B	255, 212, 191
Decimal	16764863
CIE Lab	86.82, 14.59, 14.35
CIE LCh	87, 20.463, 44.532
Yxy	69.6472, 0.3621, 0.3457
Android (android.graphics.Color)	4294954943 (0xFFFFCFBF)
YUV	219.5280, -14.0643, 31.1089
Hunter-Lab	83.4549, 9.9879, 16.5955

Details

The Yxy color **69.6472, 0.3621, 0.3457** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9927, 0.2742, 0.3116**, and the grayscale version is **71.3064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **36.4878, 0.3732, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **59.9176, 0.3888, 0.3528**, and if you desaturate by 10%, it is **80.6992, 0.3397, 0.3388**.

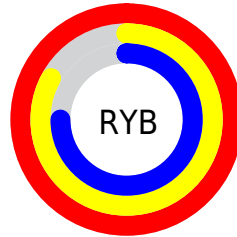
Distribution



Red (100%)

Green (81%)

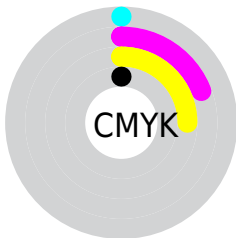
Blue (75%)



Red (100%)

Yellow (83%)

Blue (75%)

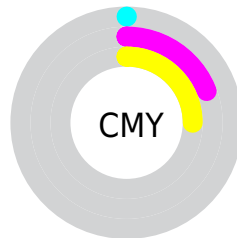


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6472, 0.3621, 0.3457 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 69.6472, 0.3621, 0.3457 by changing the saturation by 10% instead.

 69.6472, 0.3621,
0.3457

 69.6472, 0.3621,
0.3457


459.3103, 0.3389,
0.3384

 51.2390, 0.3675,
0.3473


 118.7055, 0.3540,
0.3432

 36.3988, 0.3742,
0.3491


150.1244, 0.3508,
0.3423

 24.7424, 0.3828,
0.3514


186.6489, 0.3481,
0.3414

 15.8852, 0.3940,
0.3542

228.6635, 0.3458,
0.3407

 9.4430, 0.4095,
0.3576

276.5525, 0.3437,
0.3400

 5.0312, 0.4321,
0.3619

330.7004, 0.3419,

 2.2656, 0.4676,

0.3394

0.3665

391.4915, 0.3403,
0.3389

0.7554, 0.5920,
0.4080

0.0000, 1.0000,
0.0000

69.6472, 0.3621,
0.3457

69.6472, 0.3621,
0.3457

59.9176, 0.3888,
0.3528

80.6992, 0.3397,
0.3388

51.4509, 0.4200,
0.3595

93.1112, 0.3210,
0.3322

44.1970, 0.4557,
0.3651

99.9984, 0.3127,
0.3290

38.0988, 0.4946,
0.3688

■ 33.0943, 0.5343,
0.3693

■ 29.1152, 0.5708,
0.3657

■ 26.0845, 0.5997,
0.3579

■ 24.9145, 0.6107,
0.3533

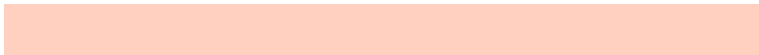
Harmonies

Analogous

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



69.6472, 0.3518, 0.3246



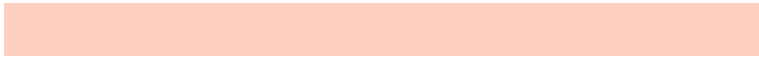
69.6472, 0.3621, 0.3457



69.6472, 0.3585, 0.3636

Triad

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



69.6472, 0.3621, 0.3457



69.6472, 0.2940, 0.3545



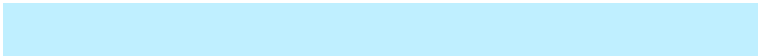
69.6472, 0.2827, 0.2874

Complementary

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



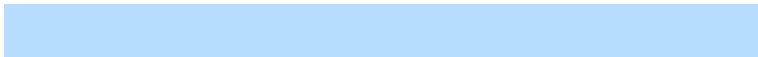
69.6472, 0.3621, 0.3457



79.9927, 0.2742, 0.3116

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.



69.6472, 0.2686, 0.2933



69.6472, 0.3621, 0.3457



69.6472, 0.2749, 0.3317

Square

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



69.6472, 0.3621, 0.3457



69.6472, 0.3186, 0.3700



69.6472, 0.2658, 0.3091



69.6472, 0.3052, 0.2919

Rectangle

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



69.6472, 0.3621, 0.3457



69.6472, 0.3489, 0.3711



69.6472, 0.2658, 0.3091



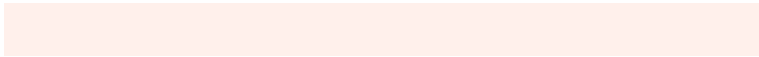
69.6472, 0.2769, 0.2881

Sweetspot

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



69.6504, 0.3621, 0.3457



89.3862, 0.3261, 0.3340



64.7368, 0.3275, 0.2810



18.7266, 0.3288, 0.3350



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.



69.6504, 0.3621, 0.3457



64.7330, 0.3746, 0.3492



86.7429, 0.3544, 0.3772



18.7266, 0.3288, 0.3350



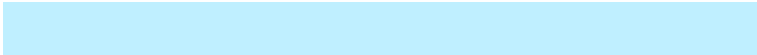
13.2171, 0.6079, 0.3555



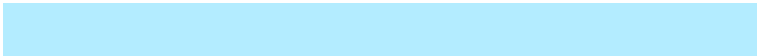
1.4515, 0.5862, 0.3727

Inverse Universe

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



79.9927, 0.2742, 0.3116



76.6359, 0.2669, 0.3078



62.9042, 0.2709, 0.2756



19.6651, 0.2980, 0.3229



23.5135, 0.2015, 0.2455



2.4627, 0.2045, 0.2562

Previews

White Background



This preview shows how the Yxy color 69.6472, 0.3621, 0.3457 looks on a white background.

Color Contrast Check

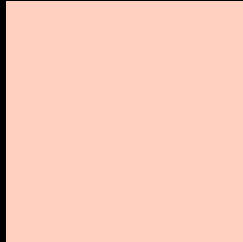
Large Text (above 18pt) WCAG AA × Fail

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 69.6472, 0.3621, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

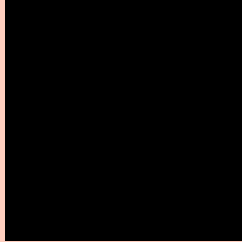
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6472, 0.3621, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 69.6472, 0.3621, 0.3457.



This preview shows how white text looks on a background with the Yxy color 69.6472, 0.3621, 0.3457.

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

69.6472, 0.3621, 0.3457

Protanopia

69.9421, 0.3346, 0.3521

Deuteranopia

69.7674, 0.3566, 0.3501



Tritanopia

69.5602, 0.3412, 0.3138

Trichromacy



Original Color

69.6472, 0.3621, 0.3457

Protanomaly

69.4881, 0.3444, 0.3496

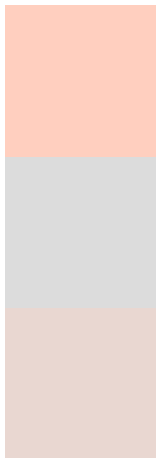
Deuteranomaly

69.8279, 0.3592, 0.3489

Tritanomaly

69.5261, 0.3486, 0.3250

Monochromacy



Original Color

69.6472, 0.3621, 0.3457

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.5280, 0.3302, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6472, 0.3621, 0.3457 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(255, 207, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 191)  
}
```

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(255, 207, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 191) }
```

Border

The CSS property to change the border of an element to Yxy 69.6472, 0.3621, 0.3457 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(255, 207, 191) }
```

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

```
.border{ border-color:rgb(255, 207, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6472, 0.3621, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 191) }
```

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

```
.background{ background-color: rgb(255,  
207, 191) }
```

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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