

Converting Colors

Yxy(69.6161, 0.2784, 0.3141)

Have a look what the booklet for
Yxy(69.6161, 0.2784, 0.3141)
contains.

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Color

Yxy(69.6161, 0.2784, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	B8E0ED
RGB	184, 224, 237
RGB Percent	72%, 88%, 93%
CMY	0.2786, 0.1215, 0.0705
CMYK	0.22, 0.05, 0.00, 0.07
HSL	195°, 60%, 83%
HSV	195°, 22%, 93%
XYZ	61.7037, 69.6161, 90.3170
YIQ	213.5220, -28.0130, -4.4370

Conversions

Conversions Part 2

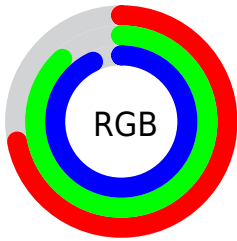
Format	Color
RYB	184, 207, 237
Decimal	12116205
CIELab	86.81, -10.20, -10.66
CIELCh	87, 14.754, 226.270
Yxy	69.6161, 0.2784, 0.3141
Android (android.graphics.Color)	4290306285 (0xFFB8E0ED)
YUV	213.5220, 11.5747, -25.8908
Hunter-Lab	83.4363, -14.0073, -5.7741

Details

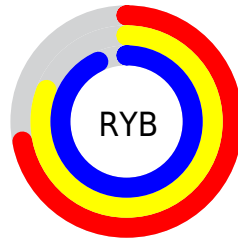
The Yxy color **69.6161, 0.2784, 0.3141** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.3844, 0.3555, 0.3434**, and the grayscale version is **66.8401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **36.4580, 0.2706, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **63.8637, 0.2637, 0.3065**, and if you desaturate by 10%, it is **75.9712, 0.2936, 0.3211**.

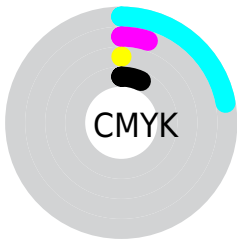
Distribution



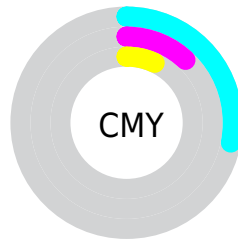
- Red (72%)
- Green (88%)
- Blue (93%)



- Red (72%)
- Yellow (81%)
- Blue (93%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (28%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6161, 0.2784, 0.3141 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 69.6161, 0.2784, 0.3141 by changing the saturation by 10% instead.

■ 69.6161, 0.2784,
0.3141

■ 69.6161, 0.2784,
0.3141

459.2009, 0.2942,
0.3212

■ 51.2136, 0.2748,
0.3124

■ 118.6611, 0.2839,
0.3166

■ 36.3786, 0.2704,
0.3103

150.0725, 0.2860,
0.3176

■ 24.7268, 0.2648,
0.3076

186.5889, 0.2879,
0.3184

■ 15.8736, 0.2574,
0.3039

228.5948, 0.2895,
0.3191

■ 9.4348, 0.2475,
0.2988

276.4745, 0.2909,
0.3198

■ 5.0258, 0.2334,
0.2912

330.6125, 0.2921,

■ 2.2624, 0.2117,

0.3203

0.2788

391.3932, 0.2932,
0.3208

0.7537, 0.1600,
0.2580

0.0000, 0.0000,
0.0000

69.6161, 0.2784,
0.3141

69.6161, 0.2784,
0.3141

63.8637, 0.2637,
0.3065

75.9712, 0.2936,
0.3211

58.6801, 0.2500,
0.2983

82.9442, 0.3090,
0.3276

54.0405, 0.2374,
0.2897

90.5474, 0.3244,
0.3334

49.9146, 0.2264,
0.2807

94.0503, 0.3239,
0.3390

■ 46.2686, 0.2172,
0.2715

■ 97.6641, 0.3234,
0.3445

■ 43.0638, 0.2099,
0.2623

■ 98.8954, 0.3232,
0.3463

■ 40.2535, 0.2047,
0.2532

■ 38.3231, 0.2018,
0.2463

Harmonies

Analogous

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



69.6161, 0.2847, 0.3301



69.6161, 0.2784, 0.3141



69.6161, 0.2810, 0.3028

Triad

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



69.6161, 0.2784, 0.3141



69.6161, 0.3267, 0.3125



69.6161, 0.3333, 0.3607

Complementary

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



69.6161, 0.2784, 0.3141



61.3844, 0.3555, 0.3434

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.



69.6161, 0.3453, 0.3548



69.6161, 0.2784, 0.3141



69.6161, 0.3415, 0.3269

Square

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



69.6161, 0.2784, 0.3141



69.6161, 0.3085, 0.3022



69.6161, 0.3483, 0.3423



69.6161, 0.3161, 0.3578

Rectangle

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



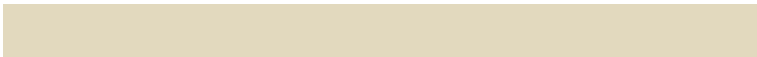
69.6161, 0.2784, 0.3141



69.6161, 0.2874, 0.2991



69.6161, 0.3483, 0.3423



69.6161, 0.3381, 0.3597

Sweetspot

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



69.6189, 0.2784, 0.3141



94.0104, 0.3019, 0.3247



74.7646, 0.3025, 0.3766



20.0153, 0.3009, 0.3243



0.0000, 0.0000, 0.0000



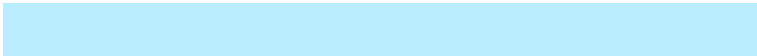
21.4041, 0.3127, 0.3290

Same Dimension

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



69.6189, 0.2784, 0.3141



78.8990, 0.2714, 0.3106



56.7402, 0.2761, 0.2834



16.4600, 0.2981, 0.3231



21.1362, 0.2022, 0.2478



1.8085, 0.2057, 0.2604

Inverse Universe

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



57.6557, 0.3254, 0.2863



62.6214, 0.3286, 0.2770



74.1717, 0.3495, 0.3707



15.2470, 0.3175, 0.3114



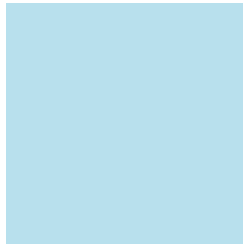
11.6265, 0.3944, 0.1946



0.9280, 0.3820, 0.1878

Previews

White Background



This preview shows how the Yxy color 69.6161, 0.2784, 0.3141 looks on a white background.

Color Contrast Check

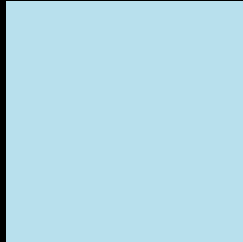
Large Text (above 18pt) WCAG AA × Fail

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 69.6161, 0.2784, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

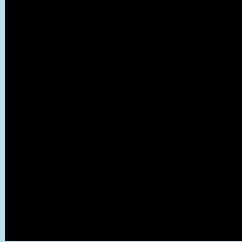
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6161, 0.2784, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 69.6161, 0.2784, 0.3141.

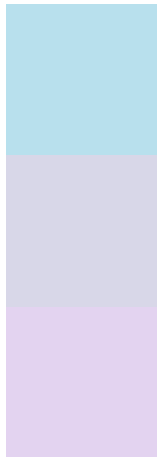


This preview shows how white text looks on a background with the Yxy color 69.6161, 0.2784, 0.3141.

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

69.6161, 0.2784, 0.3141

Protanopia

69.0260, 0.3022, 0.3105

Deuteranopia

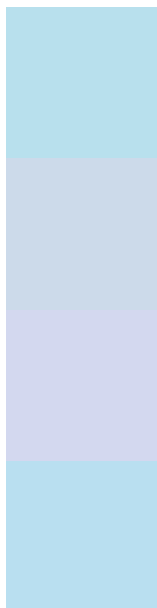
69.2107, 0.3048, 0.2983



Tritanopia

69.4405, 0.2767, 0.3086

Trichromacy



Original Color

69.6161, 0.2784, 0.3141

Protanomaly

68.9207, 0.2927, 0.3112

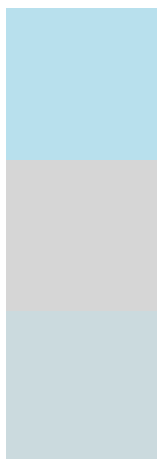
Deuteranomaly

69.1926, 0.2943, 0.3039

Tritanomaly

69.3809, 0.2773, 0.3097

Monochromacy



Original Color

69.6161, 0.2784, 0.3141

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.1132, 0.2995, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6161, 0.2784, 0.3141 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(184, 224, 237)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 237)  
}
```

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(184, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 237) }
```

Border

The CSS property to change the border of an element to Yxy 69.6161, 0.2784, 0.3141 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(184, 224, 237) }
```

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

```
.border{ border-color:rgb(184, 224, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6161, 0.2784, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 237) }
```

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

```
.background{ background-color: rgb(184,  
224, 237) }
```

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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