

Converting Colors

$Yxy(74.8669, 0.2789, 0.3116)$

Have a look what the booklet for
Yxy(74.8669, 0.2789, 0.3116)
contains.

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Color

Yxy(75.0121, 0.2788, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	C0E7F6
RGB	192, 231, 246
RGB Percent	75%, 91%, 96%
CMY	0.2472, 0.0941, 0.0352
CMYK	0.22, 0.06, 0.00, 0.04
HSL	197°, 75%, 86%
HSV	197°, 22%, 96%
XYZ	66.9442, 75.0121, 98.1592
YIQ	221.0490, -28.0590, -3.6030

Conversions

Conversions Part 2

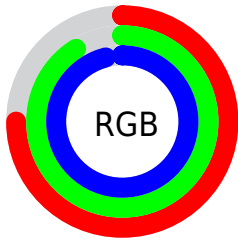
Format	Color
R _Y B	192, 215, 246
Decimal	12642294
CIE Lab	89.40, -9.44, -11.48
CIE LCh	89, 14.866, 230.581
Yxy	75.0121, 0.2788, 0.3124
Android (android.graphics.Color)	4290832374 (0xFFC0E7F6)
YUV	221.0490, 12.3008, -25.4760
Hunter-Lab	86.6095, -13.5964, -6.5699

Details

The Yxy color **75.0121, 0.2788, 0.3124** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0167, 0.3542, 0.3450**, and the grayscale version is **72.2674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **39.7809, 0.2712, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **68.3174, 0.2639, 0.3037**, and if you desaturate by 10%, it is **82.3990, 0.2942, 0.3204**.

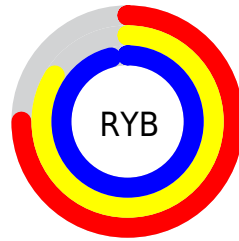
Distribution



Red (75%)

Green (91%)

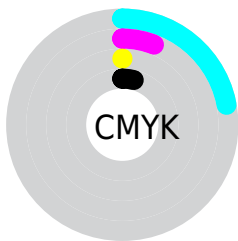
Blue (96%)



Red (75%)

Yellow (84%)

Blue (96%)

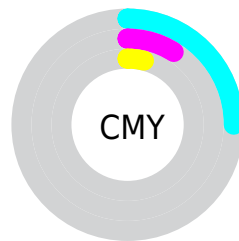


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0121, 0.2788, 0.3124 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 75.0121, 0.2788, 0.3124 by changing the saturation by 10% instead.

■ 75.0121, 0.2788,
0.3124

■ 75.0121, 0.2788,
0.3124

■ 477.9592, 0.2942,
0.3202

■ 55.6228, 0.2753,
0.3106

■ 126.3295, 0.2841,
0.3151

■ 39.9006, 0.2711,
0.3083

■ 159.0264, 0.2862,
0.3162

■ 27.4610, 0.2658,
0.3055

■ 196.9279, 0.2880,
0.3171

■ 17.9198, 0.2589,
0.3017

■ 240.4185, 0.2895,
0.3179

■ 10.8924, 0.2497,
0.2965

■ 289.8825, 0.2909,
0.3186

■ 5.9945, 0.2367,
0.2889

■ 345.7044, 0.2922,

■ 2.8418, 0.2173,

0.3192

0.2769

408.2684, 0.2933,
0.3197

■ 1.0497, 0.1847,
0.2556

■ 0.0000, 0.0000,
0.0000

■ 75.0121, 0.2788,
0.3124

■ 75.0121, 0.2788,
0.3124

■ 68.3174, 0.2639,
0.3037

■ 82.3990, 0.2942,
0.3204

■ 62.2774, 0.2497,
0.2944

■ 90.4954, 0.3097,
0.3277

■ 56.8645, 0.2367,
0.2845

■ 97.2289, 0.3181,
0.3343

■ 52.0450, 0.2251,
0.2742

■ 99.4354, 0.3179,
0.3376

■ 47.7817, 0.2154,
0.2637

■ 44.0315, 0.2076,
0.2531

■ 40.7431, 0.2018,
0.2426

■ 38.3758, 0.1984,
0.2343

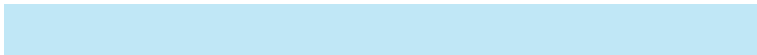
Harmonies

Analogous

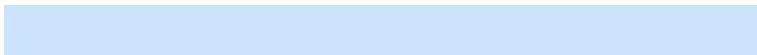
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0121, 0.2837, 0.3277



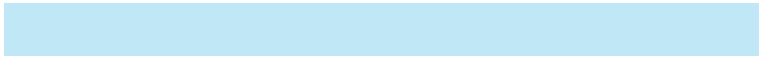
75.0121, 0.2788, 0.3124



75.0121, 0.2826, 0.3022

Triad

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



75.0121, 0.2788, 0.3124



75.0121, 0.3289, 0.3146



75.0121, 0.3308, 0.3603

Complementary

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



75.0121, 0.2788, 0.3124



68.0167, 0.3542, 0.3450

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.



75.0121, 0.3435, 0.3557



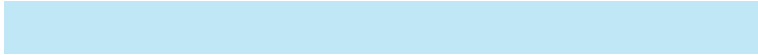
75.0121, 0.2788, 0.3124



75.0121, 0.3425, 0.3292

Square

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



75.0121, 0.2788, 0.3124



75.0121, 0.3112, 0.3038



75.0121, 0.3479, 0.3441



75.0121, 0.3135, 0.3561

Rectangle

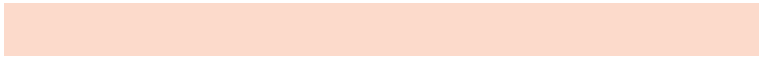
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



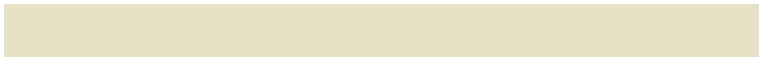
75.0121, 0.2788, 0.3124



75.0121, 0.2897, 0.2993



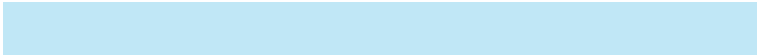
75.0121, 0.3479, 0.3441



75.0121, 0.3358, 0.3597

Sweetspot

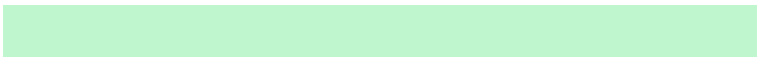
The Sweet Spot groups the original color and five complimentary colors.



75.0152, 0.2788, 0.3124



93.6480, 0.3019, 0.3241



81.6039, 0.3016, 0.3736



19.9312, 0.3009, 0.3236



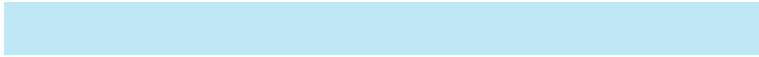
0.0000, 0.0000, 0.0000



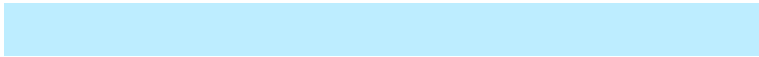
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0152, 0.2788, 0.3124



78.3296, 0.2726, 0.3089



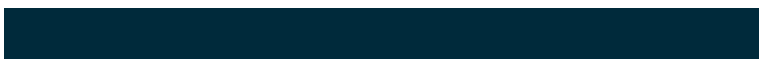
61.3179, 0.2766, 0.2822



17.9341, 0.2980, 0.3223



20.7265, 0.1989, 0.2360



1.9938, 0.2025, 0.2491

Inverse Universe

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



63.0507, 0.3265, 0.2888



63.6165, 0.3295, 0.2810



81.9128, 0.3485, 0.3718



16.6852, 0.3181, 0.3121



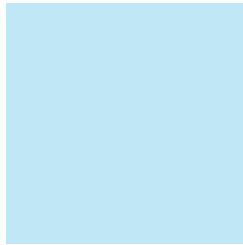
12.1917, 0.4064, 0.2012



1.0889, 0.3931, 0.1939

Previews

White Background



This preview shows how the Yxy color 75.0121, 0.2788, 0.3124 looks on a white background.

Color Contrast Check

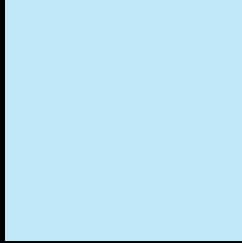
Large Text (above 18pt) WCAG AA × Fail

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 75.0121, 0.2788, 0.3124 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 75.0121, 0.2788, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 75.0121, 0.2788, 0.3124.

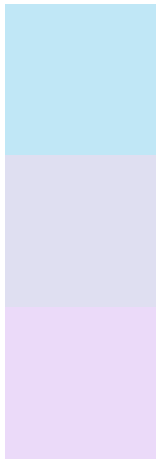


This preview shows how white text looks on a background with the Yxy color 75.0121, 0.2788, 0.3124.

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

75.0121, 0.2788, 0.3124

Protanopia

74.8142, 0.3012, 0.3100

Deuteranopia

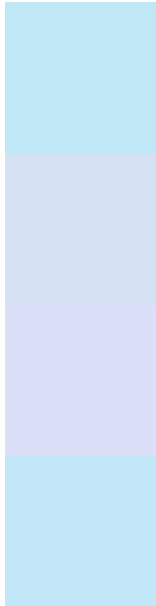
74.6445, 0.3044, 0.2973



Tritanopia

75.3288, 0.2778, 0.3092

Trichromacy



Original Color

75.0121, 0.2788, 0.3124

Protanomaly

74.8608, 0.2927, 0.3107

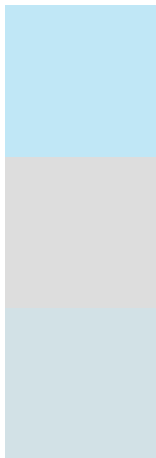
Deuteranomaly

74.6127, 0.2942, 0.3026

Tritanomaly

75.2666, 0.2783, 0.3103

Monochromacy



Original Color

75.0121, 0.2788, 0.3124

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.2652, 0.2993, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0121, 0.2788, 0.3124 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(192, 231, 246)` looks like.

```
.text, #text, p{  
    color:rgb(192, 231, 246)  
}
```

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(192, 231, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 231, 246) }
```

Border

The CSS property to change the border of an element to Yxy 75.0121, 0.2788, 0.3124 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(192, 231, 246) }
```

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

```
.border{ border-color:rgb(192, 231, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 231, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 231, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 231, 246);  
box-shadow:4px 4px 4px 4px rgb(192, 231,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0121, 0.2788, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 231, 246) }
```

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

```
.background{ background-color: rgb(192,  
231, 246) }
```

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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