

Converting Colors

$Yxy(75.4172, 0.2950, 0.3408)$

Have a look what the booklet for
Yxy(75.4172, 0.2950, 0.3408)
contains.

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Color

Yxy(75.3413, 0.2945, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	C4E9DF
RGB	196, 233, 223
RGB Percent	77%, 91%, 87%
CMY	0.2314, 0.0862, 0.1256
CMYK	0.16, 0.00, 0.04, 0.09
HSL	164°, 46%, 84%
HSV	164°, 16%, 91%
XYZ	65.2205, 75.3413, 80.9000
YIQ	220.7970, -18.8420, -10.9540

Conversions

Conversions Part 2

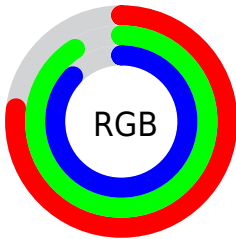
Format	Color
R _Y B	196, 217, 233
Decimal	12904927
CIE Lab	89.55, -13.95, 0.84
CIE LCh	90, 13.980, 176.546
Yxy	75.3413, 0.2945, 0.3402
Android (android.graphics.Color)	4291095007 (0xFFC4E9DF)
YUV	220.7970, 1.0861, -21.7470
Hunter-Lab	86.7994, -17.7751, 5.4992

Details

The Yxy color **75.3413, 0.2945, 0.3402** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.2632, 0.3349, 0.3181**, and the grayscale version is **72.1597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **40.0222, 0.2903, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **72.1243, 0.2838, 0.3482**, and if you desaturate by 10%, it is **79.0625, 0.3058, 0.3329**.

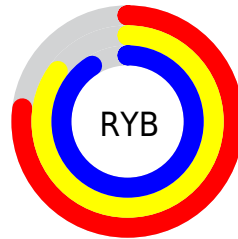
Distribution



Red (77%)

Green (91%)

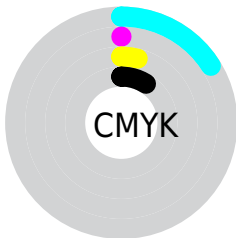
Blue (87%)



Red (77%)

Yellow (85%)

Blue (91%)

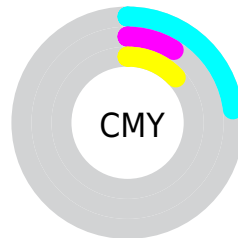


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (9%)



Cyan (23%)

Magenta (9%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3413, 0.2945, 0.3402 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 75.3413, 0.2945, 0.3402 by changing the saturation by 10% instead.

75.3413, 0.2945,
0.3402

75.3413, 0.2945,
0.3402

479.0898, 0.3029,
0.3350

55.8925, 0.2926,
0.3414

126.7954, 0.2974,
0.3384

40.1168, 0.2902,
0.3428

159.5695, 0.2985,
0.3377

27.6296, 0.2873,
0.3447

197.5541, 0.2995,
0.3371

18.0466, 0.2834,
0.3471

241.1338, 0.3004,
0.3366

10.9835, 0.2781,
0.3504

290.6928, 0.3011,
0.3361

6.0557, 0.2705,
0.3551


346.6155, 0.3018,


2.8790, 0.2588,


0.3357


409.2864, 0.3024,
0.3354


0.3625


 1.0689, 0.2347,
0.3775

 0.0000, 0.0000,
0.0000

 75.3413, 0.2945,
0.3402


 75.3413, 0.2945,
0.3402


 72.1243, 0.2838,
0.3482


 79.0625, 0.3058,
0.3329


 69.3797, 0.2740,
0.3568

 83.2995, 0.3176,
0.3264


 67.0863, 0.2655,
0.3660


 85.9481, 0.3220,
0.3203


 65.2178, 0.2585,
0.3757

 86.3341, 0.3180,
0.3142

 63.7450, 0.2533,
0.3858

 86.7332, 0.3140,
0.3082

 62.6349, 0.2501,
0.3961

 86.7619, 0.3137,
0.3078

 61.8490, 0.2489,
0.4064

 61.3400, 0.2496,
0.4166

 61.1788, 0.2502,
0.4207

Harmonies

Analogous

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



75.3413, 0.3101, 0.3527



75.3413, 0.2945, 0.3402



75.3413, 0.2839, 0.3248

Triad

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



75.3413, 0.2945, 0.3402



75.3413, 0.2983, 0.3013



75.3413, 0.3456, 0.3458

Complementary

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



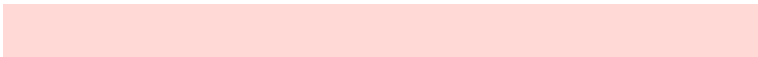
75.3413, 0.2945, 0.3402



61.2632, 0.3349, 0.3181

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.



75.3413, 0.3424, 0.3321



75.3413, 0.2945, 0.3402



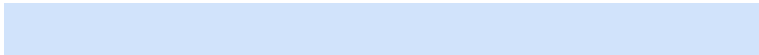
75.3413, 0.3147, 0.3069

Square

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



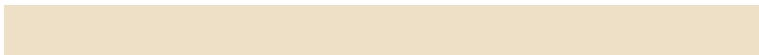
75.3413, 0.2945, 0.3402



75.3413, 0.2861, 0.3026



75.3413, 0.3309, 0.3180



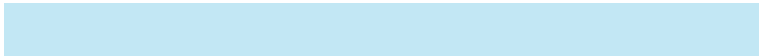
75.3413, 0.3398, 0.3555

Rectangle

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



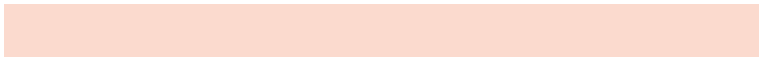
75.3413, 0.2945, 0.3402



75.3413, 0.2810, 0.3152



75.3413, 0.3309, 0.3180



75.3413, 0.3456, 0.3415

Sweetspot

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



75.3444, 0.2945, 0.3402



97.4409, 0.3068, 0.3324



75.4591, 0.3179, 0.3707



20.7822, 0.3060, 0.3328



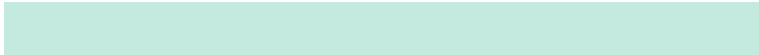
0.0000, 0.0000, 0.0000



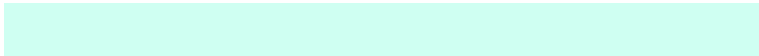
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3444, 0.2945, 0.3402



91.1236, 0.2910, 0.3427



71.4643, 0.2883, 0.3200



17.0482, 0.3017, 0.3355



34.7335, 0.2498, 0.4191



2.7434, 0.2459, 0.4051

Inverse Universe

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



61.2632, 0.3349, 0.3181



70.8183, 0.3403, 0.3158



64.5055, 0.3413, 0.3379



15.1211, 0.3250, 0.3226



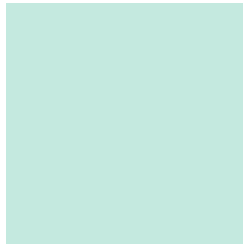
10.0521, 0.5859, 0.3001



0.8050, 0.5465, 0.2784

Previews

White Background



This preview shows how the Yxy color 75.3413, 0.2945, 0.3402 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 75.3413, 0.2945, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

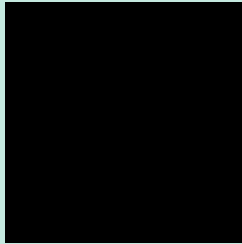
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

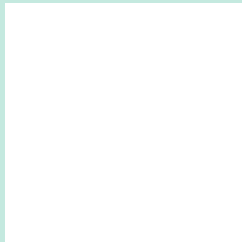
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3413, 0.2945, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 75.3413, 0.2945, 0.3402.

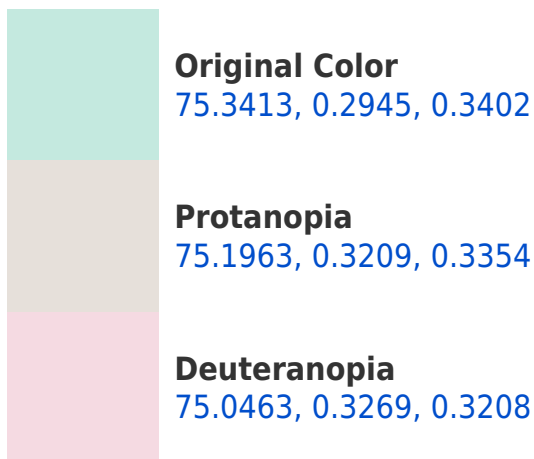


This preview shows how white text looks on a background with the Yxy color 75.3413, 0.2945, 0.3402.

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

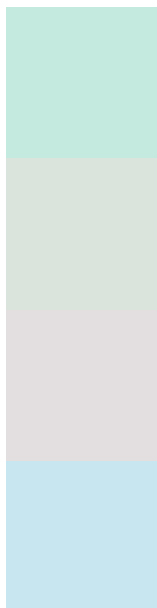




Tritanopia

75.0953, 0.2824, 0.3083

Trichromacy



Original Color

75.3413, 0.2945, 0.3402

Protanomaly

75.0109, 0.3110, 0.3366

Deuteranomaly

74.5425, 0.3142, 0.3269

Tritanomaly

74.9677, 0.2870, 0.3190

Monochromacy



Original Color

75.3413, 0.2945, 0.3402

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.1214, 0.3057, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3413, 0.2945, 0.3402 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(196, 233, 223)` looks like.

```
.text, #text, p{  
    color:rgb(196, 233, 223)  
}
```

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(196, 233, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 233, 223) }
```

Border

The CSS property to change the border of an element to Yxy 75.3413, 0.2945, 0.3402 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(196, 233, 223) }
```

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

```
.border{ border-color:rgb(196, 233, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 233, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(196, 233,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3413, 0.2945, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 233, 223) }
```

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

```
.background{ background-color: rgb(196,  
233, 223) }
```

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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