

Converting Colors

$Yxy(75.7641, 0.2857, 0.3230)$

Have a look what the booklet for
Yxy(75.7641, 0.2857, 0.3230)
contains.

Yxy(75.6220, 0.2858, 0.3223)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.6220, 0.2858, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	C4E8EE
RGB	196, 232, 238
RGB Percent	77%, 91%, 93%
CMY	0.2313, 0.0902, 0.0667
CMYK	0.18, 0.03, 0.00, 0.07
HSL	189°, 55%, 85%
HSV	189°, 18%, 93%
XYZ	67.0579, 75.6220, 91.9524
YIQ	221.9200, -23.3820, -5.7660

Conversions

Conversions Part 2

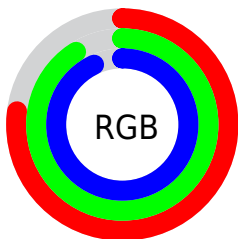
Format	Color
R_{YB}	196, 215, 238
Decimal	12904686
CIE _{Lab}	89.68, -10.42, -6.83
CIE _{LCh}	90, 12.456, 213.260
Yxy	75.6220, 0.2858, 0.3223
Android (android.graphics.Color)	4291094766 (0xFFC4E8EE)
YUV	221.9200, 7.9274, -22.7318
Hunter-Lab	86.9609, -14.5354, -1.8206

Details

The Yxy color **75.6220, 0.2858, 0.3223** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.4165, 0.3457, 0.3356**, and the grayscale version is **72.9471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **40.1789, 0.2800, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **70.7847, 0.2714, 0.3181**, and if you desaturate by 10%, it is **81.0089, 0.3009, 0.3262**.

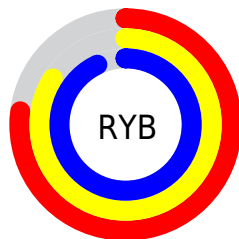
Distribution



Red (77%)

Green (91%)

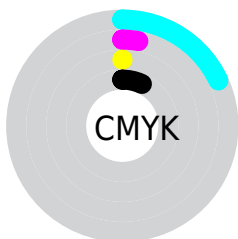
Blue (93%)



Red (77%)

Yellow (84%)

Blue (93%)

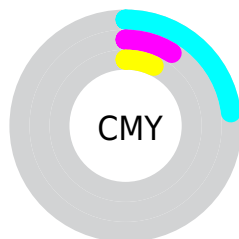


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (23%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6220, 0.2858, 0.3223 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 75.6220, 0.2858, 0.3223 by changing the saturation by 10% instead.

■ 75.6220, 0.2858,
0.3223

■ 75.6220, 0.2858,
0.3223

■ 480.0527, 0.2981,
0.3255

■ 56.1226, 0.2830,
0.3215

■ 127.1924, 0.2900,
0.3234

■ 40.3012, 0.2796,
0.3206

■ 160.0323, 0.2917,
0.3239

■ 27.7735, 0.2754,
0.3194

■ 198.0877, 0.2931,
0.3242

■ 18.1550, 0.2699,
0.3177

■ 241.7431, 0.2944,
0.3246

■ 11.0613, 0.2624,
0.3154

■ 291.3830, 0.2954,
0.3249

■ 6.1081, 0.2520,
0.3120

■ 347.3916, 0.2964,

■ 2.9109, 0.2360,

0.3251

410.1534, 0.2973,
0.3253

0.3064

1.0854, 0.2085,
0.2959

0.0000, 0.0000,
0.0000

75.6220, 0.2858,
0.3223

75.6220, 0.2858,
0.3223

70.7847, 0.2714,
0.3181

81.0089, 0.3009,
0.3262

66.4636, 0.2580,
0.3135

86.9585, 0.3164,
0.3298

62.6360, 0.2460,
0.3087

91.0625, 0.3237,
0.3331

59.2734, 0.2355,
0.3038

93.1097, 0.3234,
0.3364

■ 56.3445, 0.2268,
0.2987

■ 95.1947, 0.3231,
0.3397

■ 53.8137, 0.2201,
0.2936

■ 97.3179, 0.3228,
0.3429

■ 51.6389, 0.2153,
0.2885

■ 98.9532, 0.3226,
0.3454

■ 49.7642, 0.2123,
0.2834

■ 49.3451, 0.2117,
0.2822

Harmonies

Analogous

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



75.6220, 0.2939, 0.3360



75.6220, 0.2858, 0.3223



75.6220, 0.2847, 0.3109

Triad

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



75.6220, 0.2858, 0.3223



75.6220, 0.3179, 0.3111



75.6220, 0.3347, 0.3538

Complementary

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



75.6220, 0.2858, 0.3223



64.4165, 0.3457, 0.3356

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.



75.6220, 0.3415, 0.3463



75.6220, 0.2858, 0.3223



75.6220, 0.3317, 0.3219

Square

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



75.6220, 0.2858, 0.3223



75.6220, 0.3030, 0.3048



75.6220, 0.3404, 0.3347



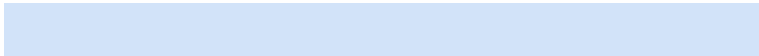
75.6220, 0.3220, 0.3545

Rectangle

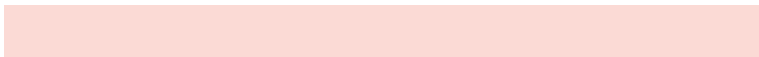
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



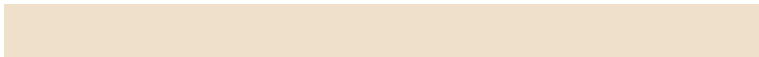
75.6220, 0.2858, 0.3223



75.6220, 0.2881, 0.3061



75.6220, 0.3404, 0.3347



75.6220, 0.3377, 0.3519

Sweetspot

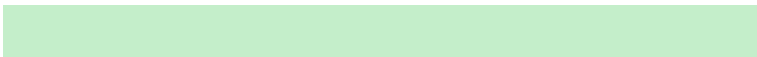
The Sweet Spot groups the original color and five complimentary colors.



75.6251, 0.2858, 0.3223



96.5038, 0.3049, 0.3272



77.1358, 0.3071, 0.3704



20.5535, 0.3038, 0.3269



0.0000, 0.0000, 0.0000



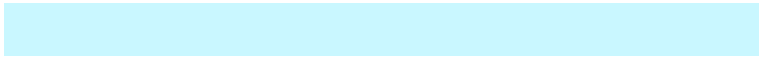
21.4041, 0.3127, 0.3290

Same Dimension

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



75.6251, 0.2858, 0.3223



86.4314, 0.2808, 0.3209



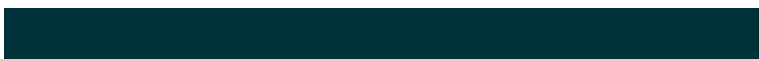
64.7065, 0.2846, 0.2990



17.5211, 0.2981, 0.3255



27.6754, 0.2120, 0.2830



2.4068, 0.2138, 0.2897

Inverse Universe

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



63.4932, 0.3191, 0.2913



69.9800, 0.3206, 0.2837



74.7312, 0.3419, 0.3573



15.9903, 0.3160, 0.3090



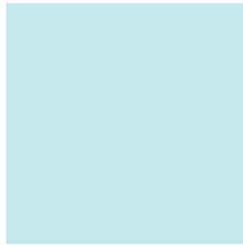
12.5872, 0.3607, 0.1760



1.0577, 0.3546, 0.1727

Previews

White Background



This preview shows how the Yxy color 75.6220, 0.2858, 0.3223 looks on a white background.

Color Contrast Check

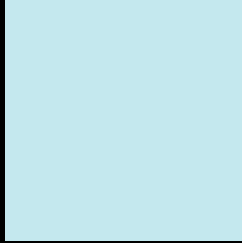
Large Text (above 18pt) WCAG AA × Fail

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 75.6220, 0.2858, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

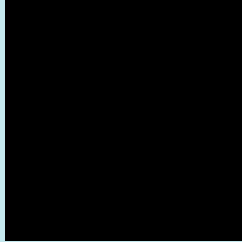
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.6220, 0.2858, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 75.6220, 0.2858, 0.3223.

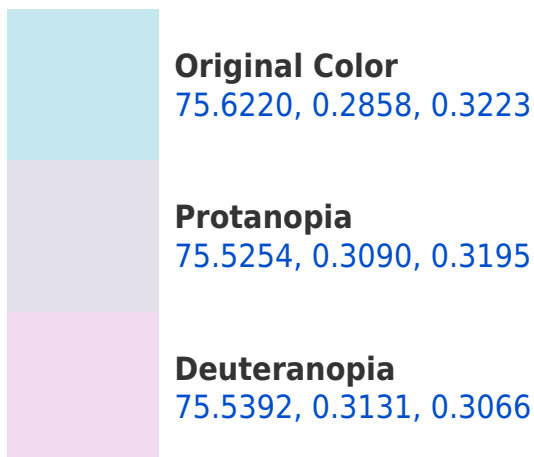


This preview shows how white text looks on a background with the Yxy color 75.6220, 0.2858, 0.3223.

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

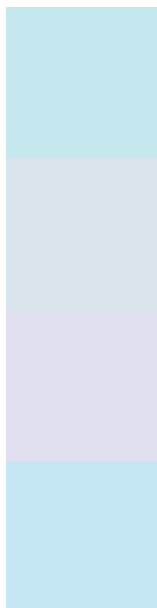




Tritanopia

75.4389, 0.2807, 0.3083

Trichromacy



Original Color

75.6220, 0.2858, 0.3223

Protanomaly

75.5353, 0.3002, 0.3204

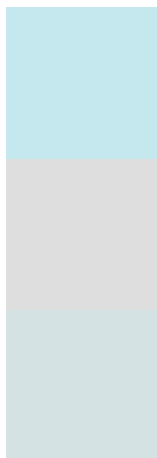
Deuteranomaly

75.4499, 0.3025, 0.3121

Tritanomaly

75.6147, 0.2824, 0.3136

Monochromacy



Original Color

75.6220, 0.2858, 0.3223

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.1403, 0.3026, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6220, 0.2858, 0.3223 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, 232, 238)` looks like.

```
.text, #text, p{  
    color:rgb(196, 232, 238)  
}
```

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, 232, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 232, 238) }
```

Border

The CSS property to change the border of an element to Yxy 75.6220, 0.2858, 0.3223 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, 232, 238) }
```

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

```
.border{ border-color:rgb(196, 232, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 232, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 232, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 232, 238);  
box-shadow:4px 4px 4px 4px rgb(196, 232,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6220, 0.2858, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 232, 238) }
```

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

```
.background{ background-color: rgb(196,  
232, 238) }
```

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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