

Converting Colors

$Yxy(77.2672, 0.2780, 0.3289)$

Have a look what the booklet for
Yxy(77.2672, 0.2780, 0.3289)
contains.

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Color

Yxy(77.2672, 0.2780, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B6EEEE
RGB	182, 238, 238
RGB Percent	71%, 93%, 93%
CMY	0.2860, 0.0667, 0.0667
CMYK	0.23, 0.00, 0.00, 0.07
HSL	180°, 62%, 82%
HSV	180°, 23%, 93%
XYZ	65.3095, 77.2672, 92.3495
YIQ	221.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

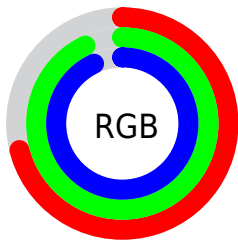
Format	Color
RYB	182, 210, 238
Decimal	11988718
CIELab	90.44, -17.60, -5.79
CIELCh	90, 18.527, 198.216
Yxy	77.2672, 0.2780, 0.3289
Android (android.graphics.Color)	4290178798 (0xFFB6EEEE)
YUV	221.2560, 8.2548, -34.4275
Hunter-Lab	87.9018, -21.2057, -0.7587

Details

The Yxy color **77.2672, 0.2780, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.0428, 0.3615, 0.3291**, and the grayscale version is **72.4649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **41.4225, 0.2705, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **74.6131, 0.2652, 0.3289**, and if you desaturate by 10%, it is **80.4200, 0.2921, 0.3289**.

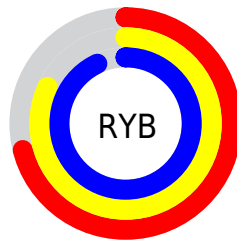
Distribution



Red (71%)

Green (93%)

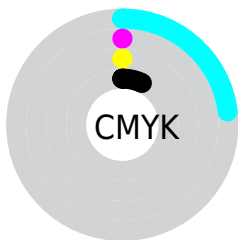
Blue (93%)



Red (71%)

Yellow (82%)

Blue (93%)

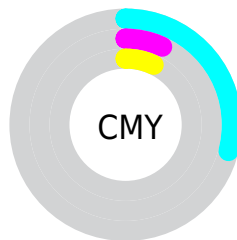


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (29%)


Magenta (7%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2672, 0.2780, 0.3289 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 77.2672, 0.2780, 0.3289 by changing the saturation by 10% instead.

 77.2672, 0.2780,
0.3289

 77.2672, 0.2780,
0.3289


485.6746, 0.2937,
0.3292

 57.4722, 0.2745,
0.3288


 129.5166, 0.2834,
0.3290

 41.3845, 0.2702,
0.3286


162.7398, 0.2855,
0.3291

 28.6196, 0.2648,
0.3284


201.2078, 0.2874,
0.3291

 18.7933, 0.2578,
0.3281

245.3051, 0.2890,
0.3291

 11.5210, 0.2485,
0.3275

295.4160, 0.2904,
0.3291

 6.4184, 0.2354,
0.3264

351.9250, 0.2916,

 3.1011, 0.2158,

0.3291

415.2164, 0.2927,
0.3291

0.3243

1.1848, 0.1809,
0.3201

0.0492, 0.0000,
0.0969

77.2672, 0.2780,
0.3289

77.2672, 0.2780,
0.3289

74.6131, 0.2652,
0.3289

80.4200, 0.2921,
0.3289

72.4235, 0.2539,
0.3288


84.0853, 0.3073,
0.3290

70.6745, 0.2443,
0.3288


88.2878, 0.3231,
0.3290


69.3361, 0.2367,
0.3288


88.5766, 0.3241,
0.3290

 68.3750, 0.2311,
0.3288


 88.5767, 0.3241,
0.3290

 67.7523, 0.2273,
0.3288

 88.5768, 0.3241,
0.3290

 67.4211, 0.2253,
0.3288

 88.5769, 0.3241,
0.3290

 67.3153, 0.2247,
0.3288

 88.5770, 0.3241,
0.3290

 88.5771, 0.3241,
0.3290

Harmonies

Analogous

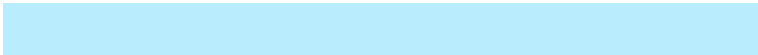
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2672, 0.2939, 0.3490



77.2672, 0.2780, 0.3289



77.2672, 0.2712, 0.3096

Triad

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



77.2672, 0.2780, 0.3289



77.2672, 0.3090, 0.2974



77.2672, 0.3516, 0.3609

Complementary

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



77.2672, 0.2780, 0.3289



55.0428, 0.3615, 0.3291

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.



77.2672, 0.3561, 0.3460



77.2672, 0.2780, 0.3289



77.2672, 0.3310, 0.3101

Square

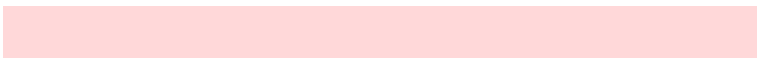
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2672, 0.2780, 0.3289



77.2672, 0.2886, 0.2924



77.2672, 0.3485, 0.3275



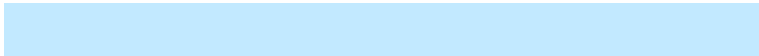
77.2672, 0.3364, 0.3677

Rectangle

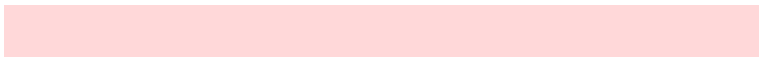
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2672, 0.2780, 0.3289



77.2672, 0.2725, 0.3000



77.2672, 0.3485, 0.3275



77.2672, 0.3544, 0.3566

Sweetspot

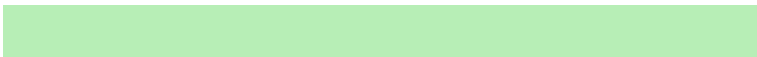
The Sweet Spot groups the original color and five complimentary colors.



77.2703, 0.2780, 0.3289



96.7703, 0.3018, 0.3290



74.5925, 0.3102, 0.3952



20.6563, 0.3009, 0.3290



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.



77.2703, 0.2780, 0.3289



88.8807, 0.2719, 0.3289



62.6978, 0.2755, 0.2976



17.9290, 0.2981, 0.3290



37.5584, 0.2247, 0.3288



3.1245, 0.2247, 0.3288

Inverse Universe

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



55.0428, 0.3615, 0.3291



58.8192, 0.3744, 0.3292



67.2066, 0.3548, 0.3584



15.7589, 0.3293, 0.3290



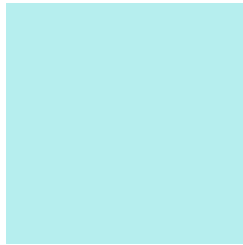
10.1410, 0.6401, 0.3300



0.8436, 0.6400, 0.3300

Previews

White Background



This preview shows how the Yxy color 77.2672, 0.2780, 0.3289 looks on a white background.

Color Contrast Check

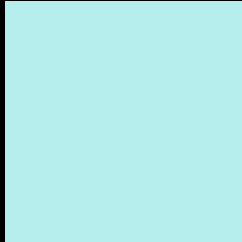
Large Text (above 18pt) WCAG AA × Fail

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 77.2672, 0.2780, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

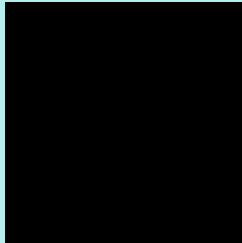
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2672, 0.2780, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 77.2672, 0.2780, 0.3289.

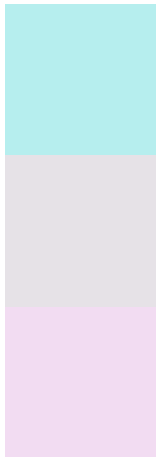


This preview shows how white text looks on a background with the Yxy color 77.2672, 0.2780, 0.3289.

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

77.2672, 0.2780, 0.3289

Protanopia

76.9852, 0.3123, 0.3238

Deuteranopia

76.4744, 0.3138, 0.3067



Tritanopia

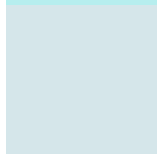
77.0115, 0.2715, 0.3082

Trichromacy



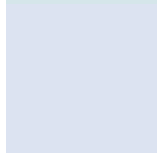
Original Color

77.2672, 0.2780, 0.3289



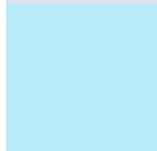
Protanomaly

76.6803, 0.2989, 0.3247



Deuteranomaly

76.5047, 0.2992, 0.3142



Tritanomaly

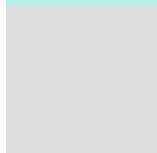
77.0825, 0.2742, 0.3157

Monochromacy



Original Color

77.2672, 0.2780, 0.3289



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

73.7496, 0.2992, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2672, 0.2780, 0.3289 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(182, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(182, 238, 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(182, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 238, 238) }
```

Border

The CSS property to change the border of an element to Yxy 77.2672, 0.2780, 0.3289 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(182, 238, 238) }
```

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

```
.border{ border-color:rgb(182, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(182, 238,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2672, 0.2780, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 238, 238) }
```

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

```
.background{ background-color: rgb(182,  
238, 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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