

Converting Colors

$Yxy(75.4653, 0.2746, 0.3361)$

Have a look what the booklet for
Yxy(75.4653, 0.2746, 0.3361)
contains.

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Color

Yxy(75.5213, 0.2744, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	AAEEEE
RGB	170, 238, 232
RGB Percent	67%, 93%, 91%
CMY	0.3334, 0.0666, 0.0902
CMYK	0.29, 0.00, 0.03, 0.07
HSL	175°, 67%, 80%
HSV	175°, 29%, 93%
XYZ	61.7125, 75.5213, 87.6659
YIQ	216.9840, -38.6020, -16.2820

Conversions

Conversions Part 2

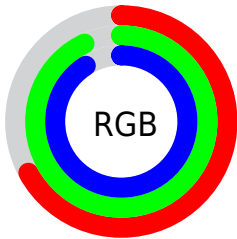
Format	Color
RYB	170, 206, 238
Decimal	11202280
CIELab	89.64, -22.37, -3.93
CIELCh	90, 22.712, 189.960
Yxy	75.5213, 0.2744, 0.3358
Android (android.graphics.Color)	4289392360 (0xFFAAEEEE8)
YUV	216.9840, 7.4029, -41.2050
Hunter-Lab	86.9030, -25.3219, 1.0216

Details

The Yxy color **75.5213, 0.2744, 0.3358** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **50.0525, 0.3702, 0.3225**, and the grayscale version is **69.3425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **40.2353, 0.2657, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **72.9892, 0.2631, 0.3385**, and if you desaturate by 10%, it is **78.5410, 0.2870, 0.3332**.

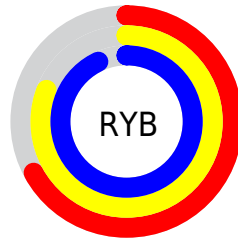
Distribution



Red (67%)

Green (93%)

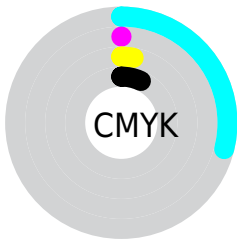
Blue (91%)



Red (67%)

Yellow (81%)

Blue (93%)

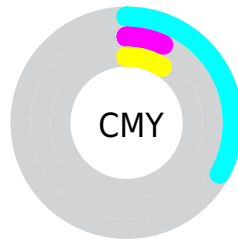


Cyan (29%)

Magenta (0%)

Yellow (3%)

Black (7%)



Cyan (33%)


Magenta (7%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5213, 0.2744, 0.3358 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 75.5213, 0.2744, 0.3358 by changing the saturation by 10% instead.


 75.5213, 0.2744,
0.3358

 75.5213, 0.2744,
0.3358


479.7074, 0.2919,
0.3329

 56.0401, 0.2705,
0.3364


 127.0500, 0.2804,
0.3348

 40.2350, 0.2657,
0.3372


159.8663, 0.2828,
0.3344

 27.7219, 0.2596,
0.3380


197.8963, 0.2848,
0.3341

 18.1161, 0.2518,
0.3391

241.5246, 0.2866,
0.3338

 11.0334, 0.2413,
0.3405

291.1354, 0.2881,
0.3335

 6.0893, 0.2265,
0.3422


347.1133, 0.2895,

 2.8994, 0.2041,


0.3333


409.8425, 0.2908,
0.3331


0.3443


 1.0795, 0.1527,
0.3522


 0.0000, 0.0000,
0.0000


 75.5213, 0.2744,
0.3358


 75.5213, 0.2744,
0.3358


 72.9892, 0.2631,
0.3385


 78.5410, 0.2870,
0.3332


 70.9098, 0.2534,
0.3414


 82.0633, 0.3005,
0.3309


 69.2576, 0.2454,
0.3444

 86.1134, 0.3148,
0.3287


 68.0011, 0.2394,
0.3474

 88.7309, 0.3226,
0.3267


 67.1044, 0.2353,
0.3504


 88.8569, 0.3212,
0.3246

 66.5249, 0.2331,
0.3535

 88.9844, 0.3199,
0.3226

 66.2010, 0.2325,
0.3565

 89.1133, 0.3186,
0.3206

 66.1638, 0.2325,
0.3569

 89.2437, 0.3173,
0.3186

 89.3756, 0.3160,
0.3165

Harmonies

Analogous

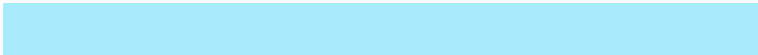
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5213, 0.2962, 0.3600



75.5213, 0.2744, 0.3358



75.5213, 0.2628, 0.3108

Triad

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



75.5213, 0.2744, 0.3358



75.5213, 0.3005, 0.2876



75.5213, 0.3637, 0.3637

Complementary

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



75.5213, 0.2744, 0.3358



50.0525, 0.3702, 0.3225

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.



75.5213, 0.3654, 0.3435



75.5213, 0.2744, 0.3358



75.5213, 0.3280, 0.3008

Square

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



75.5213, 0.2744, 0.3358



75.5213, 0.2773, 0.2844



75.5213, 0.3521, 0.3208



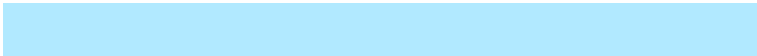
75.5213, 0.3480, 0.3758

Rectangle

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



75.5213, 0.2744, 0.3358



75.5213, 0.2621, 0.2974



75.5213, 0.3521, 0.3208



75.5213, 0.3660, 0.3576

Sweetspot

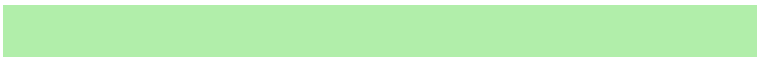
The Sweet Spot groups the original color and five complimentary colors.



75.5244, 0.2744, 0.3358



95.7742, 0.2999, 0.3310



73.3774, 0.3132, 0.4110



20.3636, 0.2979, 0.3313



0.0000, 0.0000, 0.0000



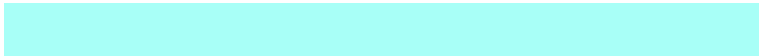
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5244, 0.2744, 0.3358



86.6141, 0.2680, 0.3373



61.2038, 0.2679, 0.2967



17.9035, 0.2993, 0.3311



36.9190, 0.2323, 0.3564



3.0783, 0.2312, 0.3524

Inverse Universe

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



50.0525, 0.3702, 0.3225



52.5092, 0.3861, 0.3212



61.0983, 0.3675, 0.3591



15.7815, 0.3279, 0.3269



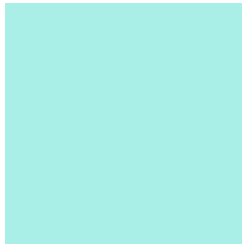
10.1791, 0.6302, 0.3245



0.8545, 0.6077, 0.3121

Previews

White Background



This preview shows how the Yxy color 75.5213, 0.2744, 0.3358 looks on a white background.

Color Contrast Check

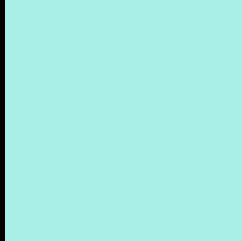
Large Text (above 18pt) WCAG AA × Fail

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 75.5213, 0.2744, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

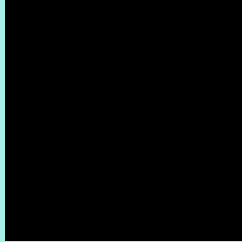
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5213, 0.2744, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 75.5213, 0.2744, 0.3358.

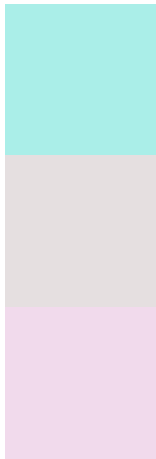


This preview shows how white text looks on a background with the Yxy color 75.5213, 0.2744, 0.3358.

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

75.5213, 0.2744, 0.3358

Protanopia

74.8152, 0.3163, 0.3280

Deuteranopia

74.8997, 0.3172, 0.3106



Tritanopia

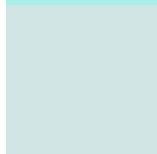
75.6864, 0.2655, 0.3078

Trichromacy



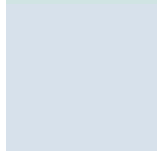
Original Color

75.5213, 0.2744, 0.3358



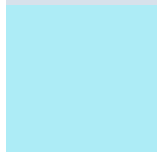
Protanomaly

74.4428, 0.2998, 0.3301



Deuteranomaly

74.2957, 0.2996, 0.3182



Tritanomaly

75.5290, 0.2686, 0.3176

Monochromacy



Original Color

75.5213, 0.2744, 0.3358



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.4037, 0.2975, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5213, 0.2744, 0.3358 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(170, 238, 232)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 232)  
}
```

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(170, 238, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 232) }
```

Border

The CSS property to change the border of an element to Yxy 75.5213, 0.2744, 0.3358 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(170, 238, 232) }
```

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

```
.border{ border-color:rgb(170, 238, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 238, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 232);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5213, 0.2744, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 232) }
```

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

```
.background{ background-color: rgb(170,  
238, 232) }
```

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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