

Converting Colors

$Yxy(75.5557, 0.2957, 0.3352)$

Have a look what the booklet for
Yxy(75.5557, 0.2957, 0.3352)
contains.

Yxy(75.6217, 0.2959, 0.3356)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.6217, 0.2959, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	C9E8E2
RGB	201, 232, 226
RGB Percent	79%, 91%, 89%
CMY	0.2117, 0.0902, 0.1137
CMYK	0.13, 0.00, 0.03, 0.09
HSL	168°, 40%, 85%
HSV	168°, 13%, 91%
XYZ	66.6760, 75.6217, 83.0352
YIQ	222.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

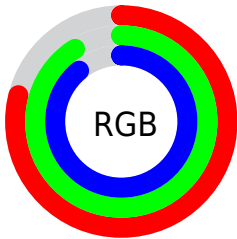
Format	Color
R _Y B	201, 218, 232
Decimal	13232354
CIE Lab	89.68, -11.26, -0.51
CIE LCh	90, 11.274, 182.603
Yxy	75.6217, 0.2959, 0.3356
Android (android.graphics.Color)	4291422434 (0xFFC9E8E2)
YUV	222.0470, 1.9488, -18.4582
Hunter-Lab	86.9607, -15.3188, 4.2590

Details

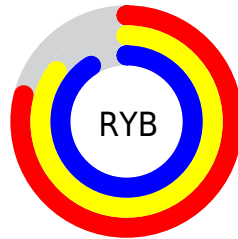
The Yxy color **75.6217, 0.2959, 0.3356** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.4459, 0.3326, 0.3225**, and the grayscale version is **73.0811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1940, 0.2920, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **72.4049, 0.2841, 0.3411**, and if you desaturate by 10%, it is **79.3369, 0.3084, 0.3306**.

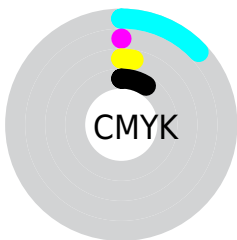
Distribution



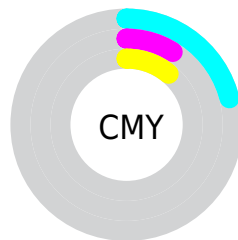
- Red (79%)
- Green (91%)
- Blue (89%)



- Red (79%)
- Yellow (85%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6217, 0.2959, 0.3356 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 75.6217, 0.2959, 0.3356 by changing the saturation by 10% instead.

■ 75.6217, 0.2959,
0.3356

■ 75.6217, 0.2959,
0.3356

480.0517, 0.3036,
0.3326

■ 56.1224, 0.2941,
0.3363

127.1920, 0.2986,
0.3346

■ 40.3010, 0.2920,
0.3371

160.0318, 0.2996,
0.3342

■ 27.7733, 0.2893,
0.3382

198.0871, 0.3005,
0.3338

■ 18.1549, 0.2857,
0.3395

241.7425, 0.3013,
0.3335

■ 11.0612, 0.2809,
0.3414

291.3822, 0.3020,
0.3332

■ 6.1080, 0.2740,
0.3440

347.3908, 0.3026,

■ 2.9109, 0.2634,

0.3330

410.1525, 0.3031,
0.3328

0.3481

1.0854, 0.2437,
0.3556

0.0000, 0.0000,
0.0000

75.6217, 0.2959,
0.3356

75.6217, 0.2959,
0.3356

72.4049, 0.2841,
0.3411

79.3369, 0.3084,
0.3306

69.6552, 0.2732,
0.3471

83.5614, 0.3213,
0.3260

67.3524, 0.2636,
0.3534

85.2331, 0.3236,
0.3217

65.4712, 0.2555,
0.3601

85.5025, 0.3207,
0.3173


 63.9834, 0.2492,
0.3670

 85.7786, 0.3179,
0.3130


 62.8576, 0.2449,
0.3741

 86.0614, 0.3150,
0.3087

 62.0576, 0.2425,
0.3812

 86.1929, 0.3138,
0.3068

 61.5392, 0.2420,
0.3882

 61.3047, 0.2425,
0.3929

Harmonies

Analogous

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



75.6217, 0.3079, 0.3463



75.6217, 0.2959, 0.3356



75.6217, 0.2884, 0.3232

Triad

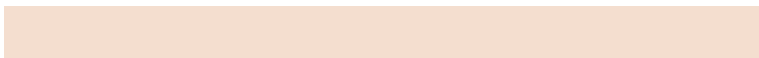
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6217, 0.2959, 0.3356



75.6217, 0.3036, 0.3070



75.6217, 0.3388, 0.3445

Complementary

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



75.6217, 0.2959, 0.3356



63.4459, 0.3326, 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.



75.6217, 0.3377, 0.3339



75.6217, 0.2959, 0.3356



75.6217, 0.3171, 0.3126

Square

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



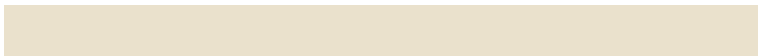
75.6217, 0.2959, 0.3356



75.6217, 0.2928, 0.3070



75.6217, 0.3297, 0.3223



75.6217, 0.3328, 0.3513

Rectangle

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



75.6217, 0.2959, 0.3356



75.6217, 0.2869, 0.3159



75.6217, 0.3297, 0.3223



75.6217, 0.3392, 0.3413

Sweetspot

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



75.6249, 0.2959, 0.3356



97.9900, 0.3076, 0.3309



75.2280, 0.3153, 0.3638



20.8954, 0.3066, 0.3313



0.0000, 0.0000, 0.0000



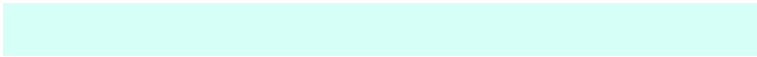
21.4041, 0.3127, 0.3290

Same Dimension

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



75.6249, 0.2959, 0.3356



92.5680, 0.2926, 0.3371



70.8657, 0.2921, 0.3186



16.2860, 0.3007, 0.3336



34.0522, 0.2421, 0.3917



2.5286, 0.2393, 0.3815

Inverse Universe

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



63.4459, 0.3326, 0.3225



74.7336, 0.3375, 0.3211



67.6234, 0.3358, 0.3392



14.4134, 0.3262, 0.3245



9.6429, 0.6086, 0.3127



0.7254, 0.5692, 0.2909

Previews

White Background



This preview shows how the Yxy color 75.6217, 0.2959, 0.3356 looks on a white background.

Color Contrast Check

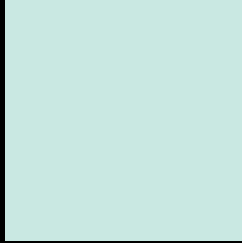
Large Text (above 18pt) WCAG AA × Fail

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 75.6217, 0.2959, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

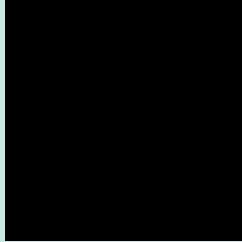
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

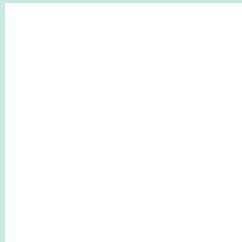
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6217, 0.2959, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 75.6217, 0.2959, 0.3356.

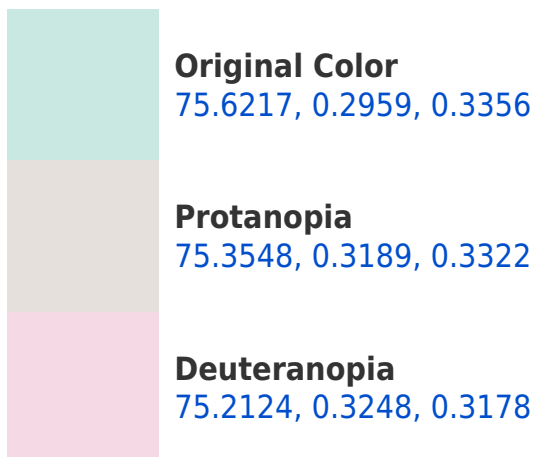


This preview shows how white text looks on a background with the Yxy color 75.6217, 0.2959, 0.3356.

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

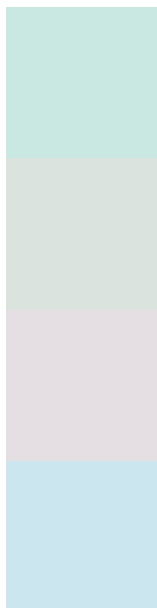




Tritanopia

75.7332, 0.2861, 0.3096

Trichromacy



Original Color

75.6217, 0.2959, 0.3356

Protanomaly

75.3260, 0.3098, 0.3333

Deuteranomaly

75.0348, 0.3137, 0.3237

Tritanomaly

75.6630, 0.2901, 0.3191

Monochromacy



Original Color

75.6217, 0.2959, 0.3356

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.0166, 0.3064, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6217, 0.2959, 0.3356 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(201, 232, 226)` looks like.

```
.text, #text, p{  
    color:rgb(201, 232, 226)  
}
```

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(201, 232, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 232, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.6217, 0.2959, 0.3356 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(201, 232, 226) }
```

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

```
.border{ border-color:rgb(201, 232, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 232, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 232, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 232, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 232,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6217, 0.2959, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 232, 226) }
```

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

```
.background{ background-color: rgb(201,  
232, 226) }
```

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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