

Converting Colors

$Yxy(60.7446, 0.2756, 0.3469)$

Have a look what the booklet for
Yxy(60.7446, 0.2756, 0.3469)
contains.

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Color

Yxy(60.8920, 0.2754, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	95DACC
RGB	149, 218, 204
RGB Percent	58%, 85%, 80%
CMY	0.4160, 0.1450, 0.2000
CMYK	0.32, 0.00, 0.06, 0.15
HSL	168°, 48%, 72%
HSV	168°, 32%, 85%
XYZ	48.3554, 60.8920, 66.3351
YIQ	195.7730, -36.6300, -18.9820

Conversions

Conversions Part 2

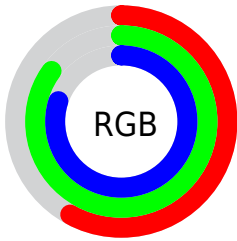
Format	Color
R _{YB}	149, 187, 218
Decimal	9820876
CIE Lab	82.32, -24.64, -0.03
CIE LCh	82, 24.643, 180.067
Yxy	60.8920, 0.2754, 0.3468
Android (android.graphics.Color)	4288010956 (0xFF95DACC)
YUV	195.7730, 4.0559, -41.0199
Hunter-Lab	78.0333, -25.9461, 4.2217

Details

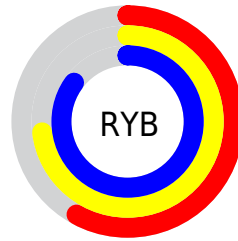
The Yxy color **60.8920, 0.2754, 0.3468** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0224, 0.3701, 0.3122**, and the grayscale version is **55.0432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **30.8293, 0.2658, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **58.8242, 0.2657, 0.3534**, and if you desaturate by 10%, it is **63.3545, 0.2863, 0.3407**.

Distribution



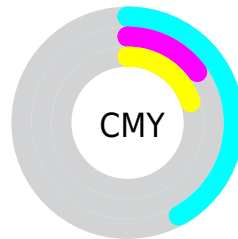
- Red (58%)
- Green (85%)
- Blue (80%)



- Red (58%)
- Yellow (73%)
- Blue (85%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (42%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8920, 0.2754, 0.3468 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 60.8920, 0.2754, 0.3468 by changing the saturation by 10% instead.

 60.8920, 0.2754,
0.3468


 60.8920, 0.2754,
0.3468


427.8779, 0.2932,
0.3383

 44.1380, 0.2712,
0.3488


 106.1225, 0.2817,
0.3438

 30.7790, 0.2660,
0.3513


 135.3679, 0.2841,
0.3427

 20.4306, 0.2592,
0.3545


169.5458, 0.2861,
0.3417

 12.7085, 0.2502,
0.3588

209.0407, 0.2879,
0.3408

 7.2281, 0.2376,
0.3648

254.2370, 0.2895,
0.3401

 3.6052, 0.2188,
0.3737

305.5190, 0.2909,

 1.4552, 0.1859,

0.3394

0.3894

363.2712, 0.2921,
0.3389

0.2569, 0.0000,
0.4769

0.0000, 0.0000,
0.0000

60.8920, 0.2754,
0.3468

60.8920, 0.2754,
0.3468

58.8242, 0.2657,
0.3534

63.3545, 0.2863,
0.3407

57.1222, 0.2574,
0.3603


66.2241, 0.2981,
0.3350


55.7649, 0.2509,
0.3675


69.5219, 0.3106,
0.3298

54.7258, 0.2462,
0.3749

73.2650, 0.3234,
0.3252


 53.9745, 0.2436,
0.3824


 76.9088, 0.3341,
0.3210


 53.4750, 0.2428,
0.3898

 77.1548, 0.3310,
0.3166

 53.2002, 0.2433,
0.3959

 77.4071, 0.3279,
0.3122

 77.6658, 0.3249,
0.3079

 77.9309, 0.3219,
0.3036

Harmonies

Analogous

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



60.8920, 0.3034, 0.3728



60.8920, 0.2754, 0.3468



60.8920, 0.2577, 0.3166

Triad

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



60.8920, 0.2754, 0.3468



60.8920, 0.2886, 0.2786



60.8920, 0.3749, 0.3620

Complementary

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



60.8920, 0.2754, 0.3468



39.0224, 0.3701, 0.3122

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.



60.8920, 0.3709, 0.3368



60.8920, 0.2754, 0.3468



60.8920, 0.3198, 0.2903

Square

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



60.8920, 0.2754, 0.3468



60.8920, 0.2651, 0.2788



60.8920, 0.3503, 0.3111



60.8920, 0.3613, 0.3802

Rectangle

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



60.8920, 0.2754, 0.3468



60.8920, 0.2537, 0.2991



60.8920, 0.3503, 0.3111



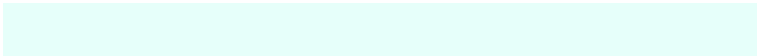
60.8920, 0.3756, 0.3540

Sweetspot

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



60.8945, 0.2754, 0.3468



95.1518, 0.3001, 0.3341



60.2009, 0.3188, 0.4192



20.2314, 0.2984, 0.3349



0.0000, 0.0000, 0.0000



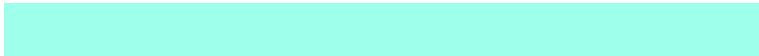
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8945, 0.2754, 0.3468



84.8177, 0.2688, 0.3511



52.0362, 0.2645, 0.3037



14.7820, 0.3009, 0.3338



31.8827, 0.2430, 0.3948



2.0772, 0.2397, 0.3827

Inverse Universe

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



39.0224, 0.3701, 0.3122



48.9521, 0.3876, 0.3086



45.2672, 0.3775, 0.3529



13.0945, 0.3260, 0.3243



9.0522, 0.6057, 0.3111



0.5989, 0.5605, 0.2861

Previews

White Background



This preview shows how the Yxy color 60.8920, 0.2754, 0.3468 looks on a white background.

Color Contrast Check

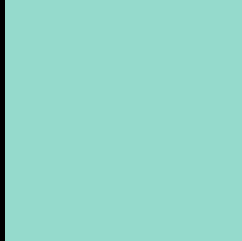
Large Text (above 18pt) WCAG AA × Fail

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 60.8920, 0.2754, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

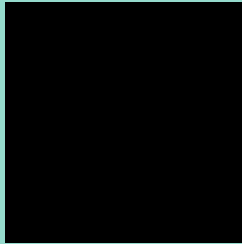
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

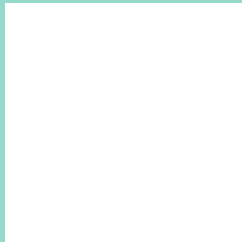
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8920, 0.2754, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 60.8920, 0.2754, 0.3468.

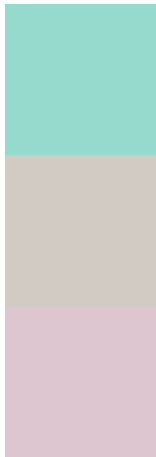


This preview shows how white text looks on a background with the Yxy color 60.8920, 0.2754, 0.3468.

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

60.8920, 0.2754, 0.3468

Protanopia

60.3990, 0.3232, 0.3372

Deuteranopia

60.4718, 0.3243, 0.3178



Tritanopia

60.8312, 0.2633, 0.3081

Trichromacy



Original Color

60.8920, 0.2754, 0.3468

Protanomaly

59.9266, 0.3040, 0.3399

Deuteranomaly

59.7697, 0.3038, 0.3266

Tritanomaly

60.5936, 0.2678, 0.3214

Monochromacy



Original Color

60.8920, 0.2754, 0.3468

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.8930, 0.2975, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8920, 0.2754, 0.3468 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(149, 218, 204)` looks like.

```
.text, #text, p{  
    color:rgb(149, 218, 204)  
}
```

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(149, 218, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 218, 204) }
```

Border

The CSS property to change the border of an element to Yxy 60.8920, 0.2754, 0.3468 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(149, 218, 204) }
```

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

```
.border{ border-color:rgb(149, 218, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 218, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 218, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 218, 204);  
box-shadow:4px 4px 4px 4px rgb(149, 218,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8920, 0.2754, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 218, 204) }
```

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

```
.background{ background-color: rgb(149,  
218, 204) }
```

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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