

Converting Colors

$Yxy(54.6725, 0.2733, 0.3112)$

Have a look what the booklet for
Yxy(54.6725, 0.2733, 0.3112)
contains.

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Color

Yxy(54.6725, 0.2733, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	A0CAD8
RGB	160, 202, 216
RGB Percent	63%, 79%, 85%
CMY	0.3725, 0.2078, 0.1529
CMYK	0.26, 0.06, 0.00, 0.15
HSL	195°, 42%, 74%
HSV	195°, 26%, 85%
XYZ	48.0141, 54.6725, 72.9962
YIQ	191.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

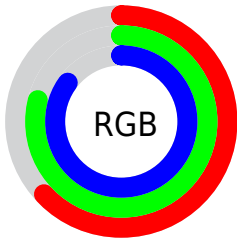
Format	Color
RYB	160, 184, 216
Decimal	10537688
CIELab	78.85, -10.63, -11.50
CIELCh	79, 15.667, 227.249
Yxy	54.6725, 0.2733, 0.3112
Android (android.graphics.Color)	4288727768 (0xFFA0CAD8)
YUV	191.0380, 12.3063, -27.2203
Hunter-Lab	73.9409, -13.4860, -6.7739

Details

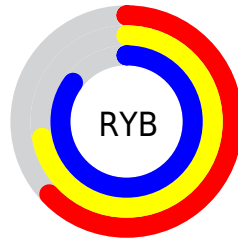
The Yxy color **54.6725, 0.2733, 0.3112** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4181, 0.3635, 0.3461**, and the grayscale version is **52.0656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **26.8788, 0.2634, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **50.1465, 0.2589, 0.3033**, and if you desaturate by 10%, it is **59.6785, 0.2883, 0.3186**.

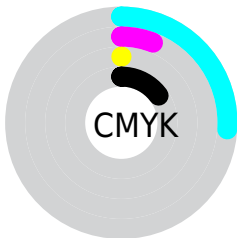
Distribution



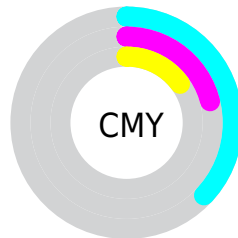
- Red (63%)
- Green (79%)
- Blue (85%)



- Red (63%)
- Yellow (72%)
- Blue (85%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)




- Cyan (37%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6725, 0.2733, 0.3112 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 54.6725, 0.2733, 0.3112 by changing the saturation by 10% instead.


 54.6725, 0.2733,
0.3112


 54.6725, 0.2733,
0.3112

404.6693, 0.2922,
0.3201

 39.1396, 0.2688,
0.3090


 97.0610, 0.2800,
0.3144

 26.8683, 0.2632,
0.3062


 124.6853, 0.2826,
0.3156

 17.4744, 0.2559,
0.3024


157.1088, 0.2848,
0.3167

 10.5733, 0.2461,
0.2972

194.7161, 0.2867,
0.3176

 5.7807, 0.2323,
0.2896

237.8913, 0.2883,
0.3183

 2.7122, 0.2116,
0.2775

287.0190, 0.2898,

 0.9834, 0.1749,

0.3190

0.2560

342.4835, 0.2911,
0.3196

0.0000, 0.0000,
0.0000

54.6725, 0.2733,
0.3112

54.6725, 0.2733,
0.3112

50.1465, 0.2589,
0.3033

59.6785, 0.2883,
0.3186

46.0730, 0.2456,
0.2948

65.1774, 0.3036,
0.3253

42.4316, 0.2335,
0.2859

71.1895, 0.3190,
0.3314

39.1970, 0.2230,
0.2767

77.7321, 0.3341,
0.3369

36.3414, 0.2144,
0.2673

82.2695, 0.3396,
0.3421

■ 33.8319, 0.2077,
0.2580

■ 85.3072, 0.3388,
0.3474

■ 31.6284, 0.2030,
0.2487

■ 88.4389, 0.3380,
0.3527

■ 30.7897, 0.2014,
0.2450

■ 91.6653, 0.3372,
0.3579

■ 94.9873, 0.3364,
0.3630

Harmonies

Analogous

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



54.6725, 0.2801, 0.3296



54.6725, 0.2733, 0.3112



54.6725, 0.2766, 0.2985

Triad

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



54.6725, 0.2733, 0.3112



54.6725, 0.3295, 0.3105



54.6725, 0.3358, 0.3656

Complementary

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



54.6725, 0.2733, 0.3112



47.4181, 0.3635, 0.3461

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.



54.6725, 0.3499, 0.3589



54.6725, 0.2733, 0.3112



54.6725, 0.3463, 0.3271

Square

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



54.6725, 0.2733, 0.3112



54.6725, 0.3085, 0.2987



54.6725, 0.3538, 0.3447



54.6725, 0.3158, 0.3620

Rectangle

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



54.6725, 0.2733, 0.3112



54.6725, 0.2841, 0.2946



54.6725, 0.3538, 0.3447



54.6725, 0.3414, 0.3645

Sweetspot

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



54.6747, 0.2733, 0.3112



93.1211, 0.3003, 0.3239



59.6491, 0.3004, 0.3837



19.6665, 0.2980, 0.3229



0.0000, 0.0000, 0.0000



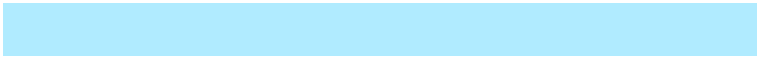
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6747, 0.2733, 0.3112



75.9892, 0.2655, 0.3070



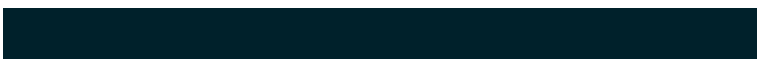
42.7078, 0.2699, 0.2742



13.5572, 0.2982, 0.3230



18.4011, 0.2018, 0.2464



1.2374, 0.2062, 0.2623

Inverse Universe

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



44.0090, 0.3279, 0.2799



58.3022, 0.3318, 0.2695



59.3857, 0.3555, 0.3783



12.5771, 0.3176, 0.3117



10.2025, 0.3958, 0.1954



0.6282, 0.3801, 0.1868

Previews

White Background



This preview shows how the Yxy color 54.6725, 0.2733, 0.3112 looks on a white background.

Color Contrast Check

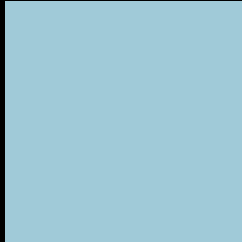
Large Text (above 18pt) WCAG AA × Fail

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 54.6725, 0.2733, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

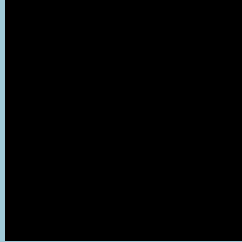
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

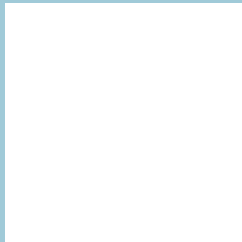
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6725, 0.2733, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 54.6725, 0.2733, 0.3112.



This preview shows how white text looks on a background with the Yxy color 54.6725, 0.2733, 0.3112.

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

54.6725, 0.2733, 0.3112

Protanopia

54.1805, 0.2996, 0.3073

Deuteranopia

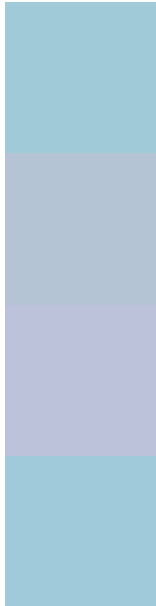
54.4979, 0.3009, 0.2951



Tritanopia

54.7766, 0.2721, 0.3088

Trichromacy



Original Color

54.6725, 0.2733, 0.3112

Protanomaly

54.1077, 0.2893, 0.3081

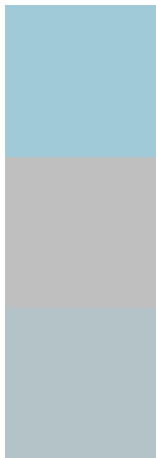
Deuteranomaly

54.2103, 0.2902, 0.3000

Tritanomaly

54.7244, 0.2727, 0.3100

Monochromacy



Original Color

54.6725, 0.2733, 0.3112

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9036, 0.2974, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6725, 0.2733, 0.3112 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(160, 202, 216)` looks like.

```
.text, #text, p{  
    color:rgb(160, 202, 216)  
}
```

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(160, 202, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 202, 216) }
```

Border

The CSS property to change the border of an element to Yxy 54.6725, 0.2733, 0.3112 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(160, 202, 216) }
```

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

```
.border{ border-color:rgb(160, 202, 216) }
```

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

Here you see how a box with a 4 pixel rgb(160, 202, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 202, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 202, 216);  
box-shadow:4px 4px 4px 4px rgb(160, 202,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6725, 0.2733, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 202, 216) }
```

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

```
.background{ background-color: rgb(160,  
202, 216) }
```

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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