

Converting Colors

Yxy(54.1641, 0.2895, 0.3279)

Have a look what the booklet for
Yxy(54.1641, 0.2895, 0.3279)
contains.

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Color

Yxy(54.0716, 0.2895, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	AAC8C9
RGB	170, 200, 201
RGB Percent	67%, 78%, 79%
CMY	0.3334, 0.2156, 0.2118
CMYK	0.15, 0.00, 0.00, 0.21
HSL	182°, 22%, 73%
HSV	182°, 15%, 79%
XYZ	47.7685, 54.0716, 63.1633
YIQ	191.1440, -18.2010, -6.0490

Conversions

Conversions Part 2

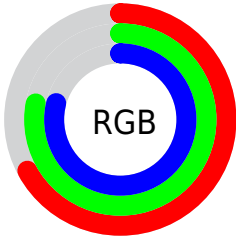
Format	Color
RYB	170, 185, 201
Decimal	11192521
CIELab	78.50, -9.81, -3.86
CIElCh	79, 10.545, 201.495
Yxy	54.0716, 0.2895, 0.3277
Android (android.graphics.Color)	4289382601 (0xFFAAC8C9)
YUV	191.1440, 4.8590, -18.5433
Hunter-Lab	73.5334, -12.7270, 0.5448

Details

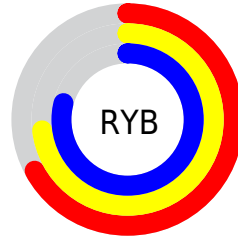
The Yxy color **54.0716, 0.2895, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4208, 0.3412, 0.3303**, and the grayscale version is **52.1656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **26.4463, 0.2831, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **51.7133, 0.2756, 0.3268**, and if you desaturate by 10%, it is **56.7779, 0.3044, 0.3286**.

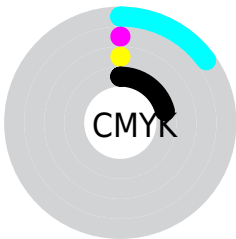
Distribution



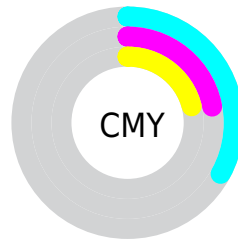
- Red (67%)
- Green (78%)
- Blue (79%)



- Red (67%)
- Yellow (73%)
- Blue (79%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0716, 0.2895, 0.3277 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 54.0716, 0.2895, 0.3277 by changing the saturation by 10% instead.

■ 54.0716, 0.2895,
0.3277

■ 54.0716, 0.2895,
0.3277

402.3830, 0.3008,
0.3284

■ 38.6589, 0.2868,
0.3275

■ 96.1794, 0.2935,
0.3280

■ 26.4945, 0.2834,
0.3272

123.6432, 0.2950,
0.3281

■ 17.1939, 0.2789,
0.3268

155.8929, 0.2963,
0.3282

■ 10.3729, 0.2728,
0.3263

193.3129, 0.2975,
0.3282

■ 5.6469, 0.2642,
0.3253

236.2875, 0.2985,
0.3283

■ 2.6316, 0.2507,
0.3237

285.2011, 0.2993,

■ 0.9426, 0.2235,

0.3284

0.3215

340.4381, 0.3001,
0.3284

0.0000, 0.0000,
0.0000

54.0716, 0.2895,
0.3277

54.0716, 0.2895,
0.3277

51.7133, 0.2756,
0.3268

56.7779, 0.3044,
0.3286

49.6809, 0.2629,
0.3258

59.8401, 0.3199,
0.3294

47.9599, 0.2516,
0.3248

63.2741, 0.3357,
0.3301

46.5320, 0.2421,
0.3238

67.0928, 0.3517,
0.3307

45.3774, 0.2345,
0.3227

68.2559, 0.3552,
0.3314

■ 44.4733, 0.2287,
0.3217

■ 68.5527, 0.3551,
0.3320

■ 43.7936, 0.2249,
0.3206

■ 68.8506, 0.3549,
0.3326

■ 43.3061, 0.2227,
0.3196

■ 69.1497, 0.3548,
0.3333

■ 43.1185, 0.2220,
0.3192

■ 69.4500, 0.3547,
0.3339

Harmonies

Analogous

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



54.0716, 0.2994, 0.3405



54.0716, 0.2895, 0.3277



54.0716, 0.2857, 0.3157

Triad

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



54.0716, 0.2895, 0.3277



54.0716, 0.3120, 0.3091



54.0716, 0.3368, 0.3504

Complementary

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



54.0716, 0.2895, 0.3277



44.4208, 0.3412, 0.3303

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.



54.0716, 0.3405, 0.3414



54.0716, 0.2895, 0.3277



54.0716, 0.3259, 0.3179

Square

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



54.0716, 0.2895, 0.3277



54.0716, 0.2985, 0.3053



54.0716, 0.3365, 0.3296



54.0716, 0.3267, 0.3537

Rectangle

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



54.0716, 0.2895, 0.3277



54.0716, 0.2872, 0.3097



54.0716, 0.3365, 0.3296



54.0716, 0.3389, 0.3479

Sweetspot

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



54.0738, 0.2895, 0.3277



97.4082, 0.3049, 0.3286



53.2279, 0.3104, 0.3692



20.7741, 0.3038, 0.3285



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.



54.0738, 0.2895, 0.3277



90.9810, 0.2840, 0.3274



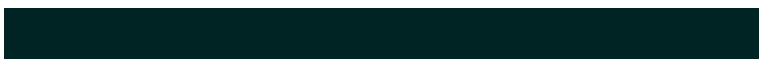
47.4415, 0.2887, 0.3082



12.0086, 0.2984, 0.3282



27.1441, 0.2220, 0.3193



1.3035, 0.2226, 0.3214

Inverse Universe

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



45.3265, 0.3153, 0.2924



72.7910, 0.3160, 0.2831



50.4317, 0.3384, 0.3490



10.8107, 0.3142, 0.3069



10.2802, 0.3288, 0.1585



0.4886, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 54.0716, 0.2895, 0.3277 looks on a white background.

Color Contrast Check

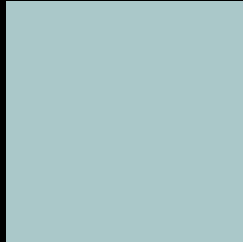
Large Text (above 18pt) WCAG AA × Fail

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 54.0716, 0.2895, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

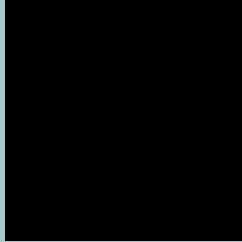
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

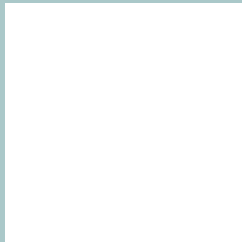
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0716, 0.2895, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 54.0716, 0.2895, 0.3277.



This preview shows how white text looks on a background with the Yxy color 54.0716, 0.2895, 0.3277.

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

54.0716, 0.2895, 0.3277

Protanopia

53.9069, 0.3121, 0.3241

Deuteranopia

53.6881, 0.3176, 0.3113



Tritanopia

54.0139, 0.2823, 0.3090

Trichromacy



Original Color

54.0716, 0.2895, 0.3277

Protanomaly

54.1219, 0.3042, 0.3265

Deuteranomaly

53.4329, 0.3069, 0.3168

Tritanomaly

54.1082, 0.2849, 0.3164

Monochromacy



Original Color

54.0716, 0.2895, 0.3277

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.5910, 0.3033, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0716, 0.2895, 0.3277 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, 200, 201)` looks like.

```
.text, #text, p{  
    color:rgb(170, 200, 201)  
}
```

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, 200, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 200, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.0716, 0.2895, 0.3277 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, 200, 201) }
```

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

```
.border{ border-color:rgb(170, 200, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 200, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 200, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 200, 201);  
box-shadow:4px 4px 4px 4px rgb(170, 200,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0716, 0.2895, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 200, 201) }
```

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

```
.background{ background-color: rgb(170,  
200, 201) }
```

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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