

Converting Colors

$Yxy(53.4722, 0.2660, 0.3094)$

Have a look what the booklet for
Yxy(53.4722, 0.2660, 0.3094)
contains.

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Color

Yxy(53.6404, 0.2657, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	95CAD9
RGB	149, 202, 217
RGB Percent	58%, 79%, 85%
CMY	0.4159, 0.2078, 0.1490
CMYK	0.31, 0.07, 0.00, 0.15
HSL	193°, 47%, 72%
HSV	193°, 31%, 85%
XYZ	46.0344, 53.6404, 73.5823
YIQ	187.8630, -36.4030, -6.5710

Conversions

Conversions Part 2

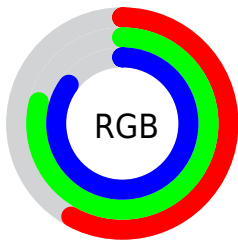
Format	Color
RYB	149, 179, 217
Decimal	9816793
CIELab	78.25, -13.60, -13.01
CIELCh	78, 18.815, 223.732
Yxy	53.6404, 0.2657, 0.3096
Android (android.graphics.Color)	4288006873 (0xFF95CAD9)
YUV	187.8630, 14.3645, -34.0829
Hunter-Lab	73.2396, -15.9740, -8.2997

Details

The Yxy color **53.6404, 0.2657, 0.3096** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4589, 0.3782, 0.3475**, and the grayscale version is **50.1367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **26.2752, 0.2542, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **49.5782, 0.2521, 0.3024**, and if you desaturate by 10%, it is **58.1568, 0.2802, 0.3164**.

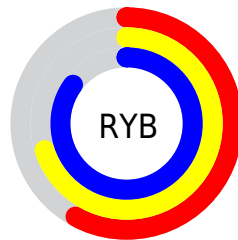
Distribution



Red (58%)

Green (79%)

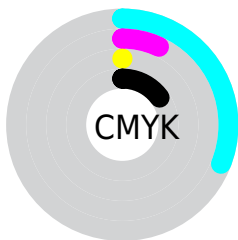
Blue (85%)



Red (58%)

Yellow (70%)

Blue (85%)

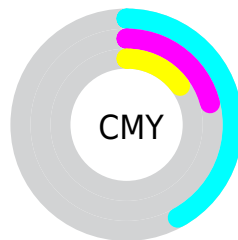


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (15%)



Cyan (42%)


Magenta (21%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6404, 0.2657, 0.3096 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 53.6404, 0.2657, 0.3096 by changing the saturation by 10% instead.


 53.6404, 0.2657,
0.3096


 53.6404, 0.2657,
0.3096


400.7373, 0.2883,
0.3194

 38.3142, 0.2603,
0.3071


 95.5460, 0.2737,
0.3132

 26.2267, 0.2536,
0.3040


 122.8943, 0.2768,
0.3145

 16.9933, 0.2449,
0.2997


155.0188, 0.2794,
0.3157

 10.2297, 0.2333,
0.2938

192.3038, 0.2816,
0.3166

 5.5515, 0.2171,
0.2851

235.1337, 0.2836,
0.3175

 2.5744, 0.1928,
0.2710

283.8930, 0.2854,

 0.9138, 0.1453,

0.3182

0.2475

338.9661, 0.2869,
0.3189

0.0000, 0.0000,
0.0000

53.6404, 0.2657,
0.3096

53.6404, 0.2657,
0.3096

49.5782, 0.2521,
0.3024

58.1568, 0.2802,
0.3164

45.9418, 0.2397,
0.2948

63.1410, 0.2953,
0.3226

42.7098, 0.2289,
0.2868

68.6141, 0.3106,
0.3283

39.8553, 0.2198,
0.2788

74.5936, 0.3260,
0.3334

37.3480, 0.2127,
0.2706

80.6261, 0.3394,
0.3380

■ 35.1518, 0.2075,
0.2625

■ 83.2633, 0.3386,
0.3428

■ 33.4517, 0.2043,
0.2555

■ 85.9737, 0.3379,
0.3475

■ 88.7578, 0.3372,
0.3521

■ 91.6162, 0.3365,
0.3567

Harmonies

Analogous

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



53.6404, 0.2751, 0.3323



53.6404, 0.2657, 0.3096



53.6404, 0.2682, 0.2935

Triad

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



53.6404, 0.2657, 0.3096



53.6404, 0.3300, 0.3048



53.6404, 0.3430, 0.3730

Complementary

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



53.6404, 0.2657, 0.3096



43.4589, 0.3782, 0.3475

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.



53.6404, 0.3589, 0.3633



53.6404, 0.2657, 0.3096



53.6404, 0.3515, 0.3240

Square

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



53.6404, 0.2657, 0.3096



53.6404, 0.3046, 0.2915



53.6404, 0.3622, 0.3452



53.6404, 0.3193, 0.3704

Rectangle

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



53.6404, 0.2657, 0.3096



53.6404, 0.2763, 0.2881



53.6404, 0.3622, 0.3452



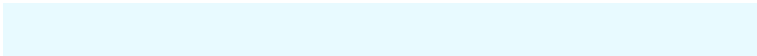
53.6404, 0.3495, 0.3710

Sweetspot

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



53.6425, 0.2657, 0.3096



92.7186, 0.2988, 0.3239



58.6884, 0.2994, 0.4004



19.6055, 0.2965, 0.3231



0.0000, 0.0000, 0.0000



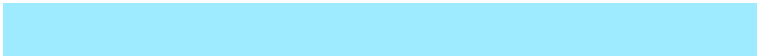
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6425, 0.2657, 0.3096



73.1395, 0.2561, 0.3046



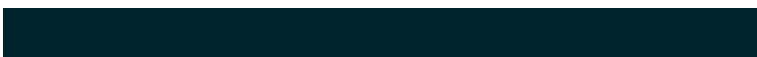
39.4897, 0.2603, 0.2638



14.3171, 0.2982, 0.3237



20.4094, 0.2047, 0.2567



1.4450, 0.2083, 0.2698

Inverse Universe

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



40.4998, 0.3300, 0.2672



51.6676, 0.3349, 0.2534



57.1881, 0.3661, 0.3865



13.2231, 0.3171, 0.3110



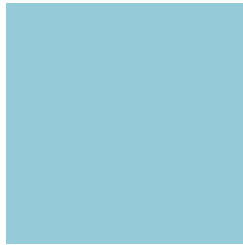
10.6841, 0.3856, 0.1898



0.7046, 0.3730, 0.1828

Previews

White Background



This preview shows how the Yxy color 53.6404, 0.2657, 0.3096 looks on a white background.

Color Contrast Check

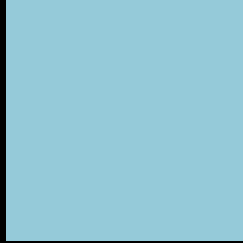
Large Text (above 18pt) WCAG AA × Fail

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 53.6404, 0.2657, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

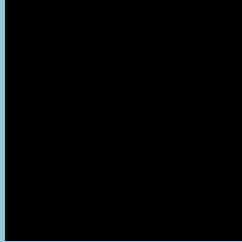
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

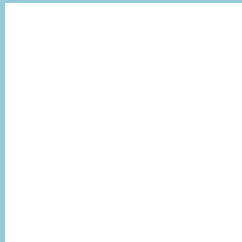
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6404, 0.2657, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 53.6404, 0.2657, 0.3096.



This preview shows how white text looks on a background with the Yxy color 53.6404, 0.2657, 0.3096.

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

53.6404, 0.2657, 0.3096

Protanopia

53.4288, 0.2988, 0.3072

Deuteranopia

53.2759, 0.2978, 0.2914



Tritanopia

53.6926, 0.2652, 0.3084

Trichromacy



Original Color

53.6404, 0.2657, 0.3096

Protanomaly

53.5141, 0.2856, 0.3078

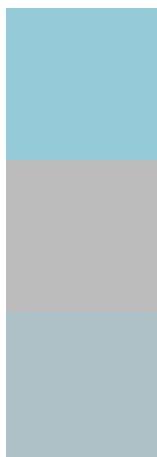
Deuteranomaly

53.0782, 0.2851, 0.2972

Tritanomaly

53.6926, 0.2652, 0.3084

Monochromacy



Original Color

53.6404, 0.2657, 0.3096

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2621, 0.2935, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6404, 0.2657, 0.3096 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, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(149, 202, 217)  
}
```

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, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 202, 217) }
```

Border

The CSS property to change the border of an element to Yxy 53.6404, 0.2657, 0.3096 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, 202, 217) }
```

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

```
.border{ border-color:rgb(149, 202, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 202, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(149, 202,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6404, 0.2657, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 202, 217) }
```

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

```
.background{ background-color: rgb(149,  
202, 217) }
```

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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