

Converting Colors

Yxy(56.4004, 0.2544, 0.3011)

Have a look what the booklet for
Yxy(56.4004, 0.2544, 0.3011)
contains.

Yxy(56.4004, 0.2544, 0.3011)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4004, 0.2544, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	8CD0E6
RGB	140, 208, 230
RGB Percent	55%, 82%, 90%
CMY	0.4511, 0.1843, 0.0979
CMYK	0.39, 0.10, 0.00, 0.10
HSL	195°, 64%, 73%
HSV	195°, 39%, 90%
XYZ	47.6528, 56.4004, 83.2613
YIQ	190.1760, -47.5900, -7.5740

Conversions

Conversions Part 2

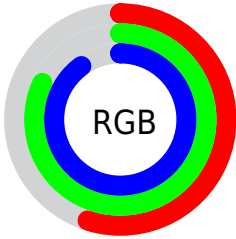
Format	Color
RYB	140, 179, 230
Decimal	9228518
CIELab	79.84, -15.90, -17.65
CIELCh	80, 23.753, 227.984
Yxy	56.4004, 0.2544, 0.3011
Android (android.graphics.Color)	4287418598 (0xFF8CD0E6)
YUV	190.1760, 19.6332, -44.0044
Hunter-Lab	75.1002, -18.1630, -13.1629

Details

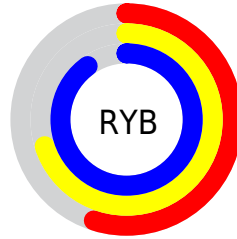
The Yxy color **56.4004, 0.2544, 0.3011** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.5587, 0.4004, 0.3548**, and the grayscale version is **51.5023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **28.0985, 0.2407, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **51.9146, 0.2414, 0.2927**, and if you desaturate by 10%, it is **61.4056, 0.2685, 0.3091**.

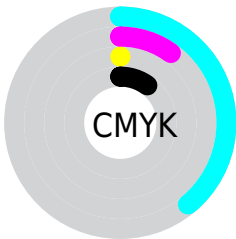
Distribution



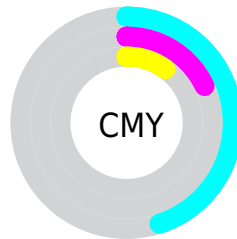
- Red (55%)
- Green (82%)
- Blue (90%)



- Red (55%)
- Yellow (70%)
- Blue (90%)



- Cyan (39%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)





- Cyan (45%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4004, 0.2544, 0.3011 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 56.4004, 0.2544, 0.3011 by changing the saturation by 10% instead.

 56.4004, 0.2544,
0.3011


 56.4004, 0.2544,
0.3011


411.1987, 0.2820,
0.3151

 40.5240, 0.2480,
0.2976


 99.5898, 0.2641,
0.3062

 27.9474, 0.2400,
0.2932


 127.6716, 0.2678,
0.3081

 18.2860, 0.2298,
0.2874


160.5906, 0.2710,
0.3097

 11.1555, 0.2164,
0.2795

198.7313, 0.2738,
0.3111

 6.1715, 0.1980,
0.2679

242.4781, 0.2762,
0.3123

 2.9497, 0.1716,
0.2500

292.2153, 0.2784,

 1.1055, 0.1288,

0.3133

0.2199

348.3274, 0.2803,
0.3143

0.0000, 0.0000,
0.0000

56.4004, 0.2544,
0.3011

56.4004, 0.2544,
0.3011

51.9146, 0.2414,
0.2927

61.4056, 0.2685,
0.3091

47.9142, 0.2299,
0.2838

66.9484, 0.2833,
0.3165

44.3714, 0.2201,
0.2748

73.0543, 0.2986,
0.3233

41.2517, 0.2122,
0.2656

79.7447, 0.3140,
0.3295

38.5148, 0.2063,
0.2564

87.0401, 0.3293,
0.3351

■ 36.0978, 0.2022,
0.2474

■ 90.3367, 0.3287,
0.3405

■ 35.9013, 0.2019,
0.2467

■ 93.7328, 0.3281,
0.3460

■ 97.2328, 0.3276,
0.3513

■ 98.4950, 0.3273,
0.3532

Harmonies

Analogous

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



56.4004, 0.2638, 0.3286



56.4004, 0.2544, 0.3011



56.4004, 0.2595, 0.2831

Triad

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



56.4004, 0.2544, 0.3011



56.4004, 0.3384, 0.3022



56.4004, 0.3463, 0.3844

Complementary

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



56.4004, 0.2544, 0.3011



44.5587, 0.4004, 0.3548

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.



56.4004, 0.3681, 0.3737



56.4004, 0.2544, 0.3011



56.4004, 0.3638, 0.3262

Square

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



56.4004, 0.2544, 0.3011



56.4004, 0.3068, 0.2847



56.4004, 0.3748, 0.3521



56.4004, 0.3161, 0.3791

Rectangle

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



56.4004, 0.2544, 0.3011



56.4004, 0.2707, 0.2780



56.4004, 0.3748, 0.3521



56.4004, 0.3549, 0.3824

Sweetspot

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



56.4026, 0.2544, 0.3011



89.9692, 0.2941, 0.3214



64.7572, 0.2955, 0.4202



19.0373, 0.2921, 0.3205



0.0000, 0.0000, 0.0000



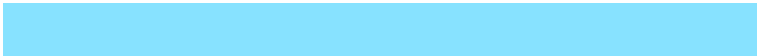
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4026, 0.2544, 0.3011



66.6077, 0.2438, 0.2943



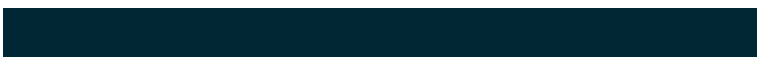
37.8325, 0.2454, 0.2419



15.7078, 0.2981, 0.3231



20.5198, 0.2023, 0.2481



1.6592, 0.2059, 0.2613

Inverse Universe

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



40.1290, 0.3377, 0.2538



44.1038, 0.3446, 0.2389



62.8709, 0.3808, 0.4027



14.5518, 0.3175, 0.3114



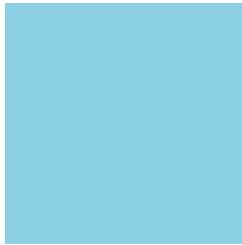
11.2692, 0.3941, 0.1945



0.8472, 0.3812, 0.1873

Previews

White Background



This preview shows how the Yxy color 56.4004, 0.2544, 0.3011 looks on a white background.

Color Contrast Check

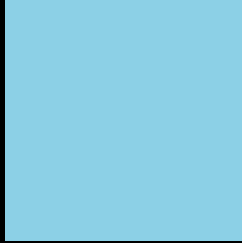
Large Text (above 18pt) WCAG AA × Fail

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 56.4004, 0.2544, 0.3011 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 56.4004, 0.2544, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 56.4004, 0.2544, 0.3011.



This preview shows how white text looks on a background with the Yxy color 56.4004, 0.2544, 0.3011.

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

56.4004, 0.2544, 0.3011

Protanopia

56.0912, 0.2920, 0.2983

Deuteranopia

56.1652, 0.2890, 0.2831



Tritanopia

56.5809, 0.2562, 0.3073

Trichromacy



Original Color

56.4004, 0.2544, 0.3011

Protanomaly

55.7435, 0.2769, 0.2986

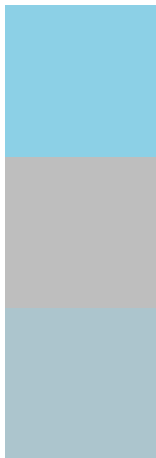
Deuteranomaly

55.6793, 0.2751, 0.2884

Tritanomaly

56.6359, 0.2557, 0.3060

Monochromacy



Original Color

56.4004, 0.2544, 0.3011

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.1109, 0.2881, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4004, 0.2544, 0.3011 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(140, 208, 230)` looks like.

```
.text, #text, p{  
    color:rgb(140, 208, 230)  
}
```

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(140, 208, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 208, 230) }
```

Border

The CSS property to change the border of an element to Yxy 56.4004, 0.2544, 0.3011 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(140, 208, 230) }
```

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

```
.border{ border-color:rgb(140, 208, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 208, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(140, 208,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4004, 0.2544, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 208, 230) }
```

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

```
.background{ background-color: rgb(140,  
208, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor