

Converting Colors

$Yxy(44.5263, 0.2557, 0.3407)$

Have a look what the booklet for
Yxy(44.5263, 0.2557, 0.3407)
contains.

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Color

Yxy(44.5263, 0.2557, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	67C1B9
RGB	103, 193, 185
RGB Percent	40%, 76%, 73%
CMY	0.5963, 0.2431, 0.2744
CMYK	0.47, 0.00, 0.04, 0.24
HSL	175°, 42%, 58%
HSV	175°, 47%, 76%
XYZ	33.4176, 44.5263, 52.7467
YIQ	165.1780, -51.0720, -21.5680

Conversions

Conversions Part 2

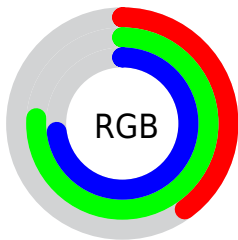
Format	Color
RYB	103, 150, 193
Decimal	6799801
CIELab	72.58, -28.91, -4.35
CIELCh	73, 29.234, 188.564
Yxy	44.5263, 0.2557, 0.3407
Android (android.graphics.Color)	4284989881 (0xFF67C1B9)
YUV	165.1780, 9.7722, -54.5301
Hunter-Lab	66.7280, -27.3807, -0.1576

Details

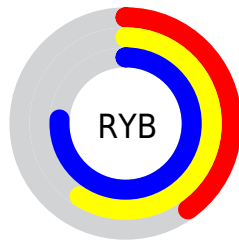
The Yxy color **44.5263, 0.2557, 0.3407** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.1740, 0.4267, 0.3185**, and the grayscale version is **37.6824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0930, 0.2658, 0.3391**, and **20.6667, 0.2400, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **43.4444, 0.2474, 0.3436**, and if you desaturate by 10%, it is **45.8760, 0.2657, 0.3379**.

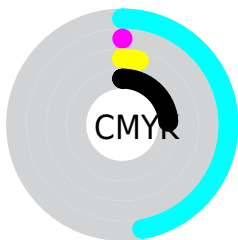
Distribution



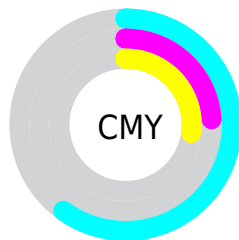
- Red (40%)
- Green (76%)
- Blue (73%)



- Red (40%)
- Yellow (59%)
- Blue (76%)



- Cyan (47%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)





- Cyan (60%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5263, 0.2557, 0.3407 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 44.5263, 0.2557, 0.3407 by changing the saturation by 10% instead.


 44.5263, 0.2557,
0.3407

 44.5263, 0.2557,
0.3407


364.8517, 0.2841,
0.3352


 31.0845, 0.2487,
0.3419


 82.0091, 0.2660,
0.3388


 20.6632, 0.2397,
0.3435


 106.8189, 0.2698,
0.3381

 12.8780, 0.2279,
0.3453


 136.1868, 0.2731,
0.3374

 7.3446, 0.2116,
0.3477

 170.4972, 0.2759,
0.3369

 3.6785, 0.1879,
0.3505

210.1345, 0.2784,
0.3364

 1.4954, 0.1467,
0.3550

255.4830, 0.2805,

 0.2855, 0.0000,

0.3360

0.3170

306.9273, 0.2824,
0.3356

0.0000, 0.0000,
0.0000

44.5263, 0.2557,
0.3407

44.5263, 0.2557,
0.3407

43.4444, 0.2474,
0.3436

45.8760, 0.2657,
0.3379

42.6065, 0.2409,
0.3466

47.5047, 0.2772,
0.3352

41.9938, 0.2363,
0.3496

49.4296, 0.2898,
0.3327


41.5819, 0.2336,
0.3526

51.6648, 0.3033,
0.3304


41.3389, 0.2326,
0.3556

54.2235, 0.3175,
0.3283

 41.2747, 0.2324,
0.3566

 57.1183, 0.3320,
0.3264

 60.3609, 0.3466,
0.3248

 63.5139, 0.3592,
0.3232

 63.5937, 0.3578,
0.3215

Harmonies

Analogous

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



44.5263, 0.2887, 0.3792



44.5263, 0.2557, 0.3407



44.5263, 0.2381, 0.3015

Triad

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



44.5263, 0.2557, 0.3407



44.5263, 0.2917, 0.2668



44.5263, 0.3916, 0.3792

Complementary

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



44.5263, 0.2557, 0.3407



22.1740, 0.4267, 0.3185

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.



44.5263, 0.3936, 0.3478



44.5263, 0.2557, 0.3407



44.5263, 0.3337, 0.2855

Square

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



44.5263, 0.2557, 0.3407



44.5263, 0.2578, 0.2621



44.5263, 0.3719, 0.3143



44.5263, 0.3675, 0.4002

Rectangle

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



44.5263, 0.2557, 0.3407



44.5263, 0.2366, 0.2813



44.5263, 0.3719, 0.3143



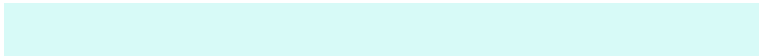
44.5263, 0.3949, 0.3695

Sweetspot

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



44.5280, 0.2557, 0.3407



89.4462, 0.2930, 0.3321



42.5635, 0.3122, 0.4713



19.0120, 0.2901, 0.3327



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.5280, 0.2557, 0.3407



77.7649, 0.2472, 0.3437



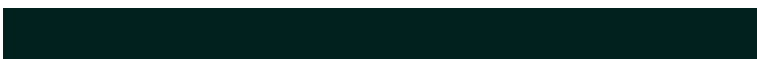
30.8390, 0.2411, 0.2727



11.4126, 0.2996, 0.3310



27.4558, 0.2323, 0.3562



1.1909, 0.2304, 0.3495

Inverse Universe

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



22.1740, 0.4267, 0.3185



32.8619, 0.4678, 0.3170



30.7733, 0.4135, 0.3779



10.0921, 0.3275, 0.3270



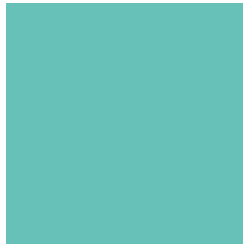
7.5731, 0.6288, 0.3237



0.3323, 0.5920, 0.3035

Previews

White Background



This preview shows how the Yxy color 44.5263, 0.2557, 0.3407 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 44.5263, 0.2557, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

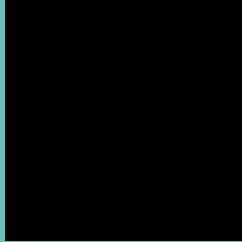
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

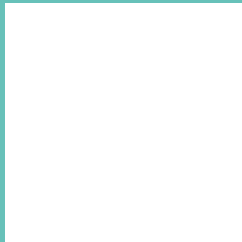
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5263, 0.2557, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 44.5263, 0.2557, 0.3407.

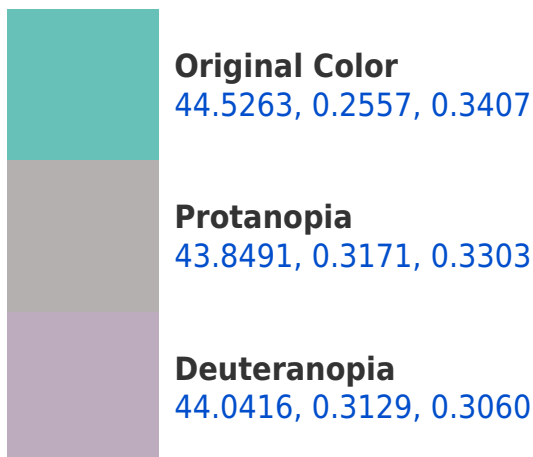


This preview shows how white text looks on a background with the Yxy color 44.5263, 0.2557, 0.3407.

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





Tritanopia

44.4859, 0.2470, 0.3075

Trichromacy



Original Color

44.5263, 0.2557, 0.3407

Protanomaly

43.3860, 0.2904, 0.3332

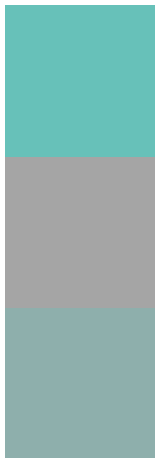
Deuteranomaly

43.5425, 0.2884, 0.3180

Tritanomaly

44.4646, 0.2500, 0.3187

Monochromacy



Original Color

44.5263, 0.2557, 0.3407

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.3893, 0.2872, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5263, 0.2557, 0.3407 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(103, 193, 185)` looks like.

```
.text, #text, p{  
    color:rgb(103, 193, 185)  
}
```

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(103, 193, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 193, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.5263, 0.2557, 0.3407 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(103, 193, 185) }
```

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

```
.border{ border-color:rgb(103, 193, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 193, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 193, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 193, 185);  
box-shadow:4px 4px 4px 4px rgb(103, 193,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5263, 0.2557, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 193, 185) }
```

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

```
.background{ background-color: rgb(103,  
193, 185) }
```

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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