

Converting Colors

$Yxy(45.0226, 0.2668, 0.3385)$

Have a look what the booklet for
Yxy(45.0226, 0.2668, 0.3385)
contains.

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Color

Yxy(44.9020, 0.2662, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	7ABFB9
RGB	122, 191, 185
RGB Percent	48%, 75%, 73%
CMY	0.5218, 0.2509, 0.2745
CMYK	0.36, 0.00, 0.03, 0.25
HSL	175°, 35%, 61%
HSV	175°, 36%, 75%
XYZ	35.4055, 44.9020, 52.6960
YIQ	169.6850, -39.1980, -16.4940

Conversions

Conversions Part 2

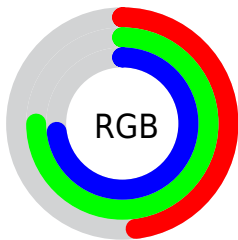
Format	Color
RYB	122, 158, 191
Decimal	8044473
CIELab	72.83, -23.12, -3.87
CIElCh	73, 23.438, 189.516
Yxy	44.9020, 0.2662, 0.3376
Android (android.graphics.Color)	4286234553 (0xFF7ABFB9)
YUV	169.6850, 7.5503, -41.8197
Hunter-Lab	67.0090, -22.9516, 0.2805

Details

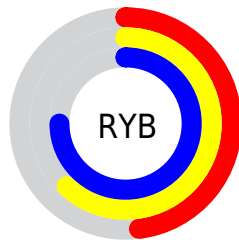
The Yxy color **44.9020, 0.2662, 0.3376** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **26.5375, 0.3910, 0.3209**, and the grayscale version is **40.0030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8328, 0.2746, 0.3366**, and **20.7862, 0.2527, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **43.5748, 0.2561, 0.3404**, and if you desaturate by 10%, it is **46.5076, 0.2777, 0.3350**.

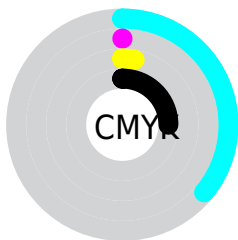
Distribution



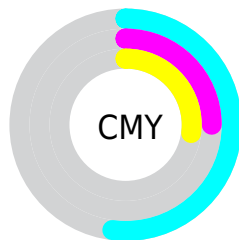
- Red (48%)
- Green (75%)
- Blue (73%)



- Red (48%)
- Yellow (62%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)



- Cyan (52%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9020, 0.2662, 0.3376 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 44.9020, 0.2662, 0.3376 by changing the saturation by 10% instead.

■ 44.9020, 0.2662,
0.3376

■ 44.9020, 0.2662,
0.3376

366.3765, 0.2894,
0.3336

■ 31.3802, 0.2605,
0.3385

■ 82.5733, 0.2746,
0.3362

■ 20.8886, 0.2531,
0.3397

■ 107.4917, 0.2778,
0.3357

■ 13.0426, 0.2434,
0.3411

■ 136.9777, 0.2804,
0.3352

■ 7.4579, 0.2299,
0.3429

171.4158, 0.2827,
0.3348

■ 3.7501, 0.2100,
0.3451

211.1903, 0.2847,
0.3344

■ 1.5348, 0.1780,
0.3478

256.6857, 0.2865,

■ 0.3130, 0.0000,

0.3341

308.2863, 0.2880,
0.3338

0.3385

0.0000, 0.0000,
0.0000

44.9020, 0.2662,
0.3376

44.9020, 0.2662,
0.3376

43.5748, 0.2561,
0.3404

46.5076, 0.2777,
0.3350

42.5046, 0.2477,
0.3432

48.4009, 0.2904,
0.3325

41.6751, 0.2411,
0.3461


50.5977, 0.3040,
0.3303


41.0664, 0.2364,
0.3491


53.1108, 0.3182,
0.3282

40.6552, 0.2336,
0.3521

55.9522, 0.3327,
0.3264

 40.4114, 0.2325,
0.3550

 59.1336, 0.3474,
0.3248

 40.3391, 0.2323,
0.3561

 62.5440, 0.3614,
0.3233

 62.6206, 0.3600,
0.3216

 62.6980, 0.3586,
0.3198

Harmonies

Analogous

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



44.9020, 0.2928, 0.3677



44.9020, 0.2662, 0.3376



44.9020, 0.2521, 0.3067

Triad

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



44.9020, 0.2662, 0.3376



44.9020, 0.2971, 0.2787



44.9020, 0.3755, 0.3707

Complementary

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



44.9020, 0.2662, 0.3376



26.5375, 0.3910, 0.3209

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.



44.9020, 0.3774, 0.3457



44.9020, 0.2662, 0.3376



44.9020, 0.3308, 0.2944

Square

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



44.9020, 0.2662, 0.3376



44.9020, 0.2692, 0.2748



44.9020, 0.3607, 0.3183



44.9020, 0.3562, 0.3863

Rectangle

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



44.9020, 0.2662, 0.3376



44.9020, 0.2511, 0.2904



44.9020, 0.3607, 0.3183



44.9020, 0.3783, 0.3631

Sweetspot

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



44.9038, 0.2662, 0.3376



88.5648, 0.2971, 0.3314



43.3267, 0.3129, 0.4350



19.3307, 0.2953, 0.3317



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.



44.9038, 0.2662, 0.3376



78.5753, 0.2585, 0.3397



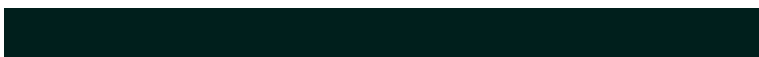
34.2249, 0.2568, 0.2873



10.7948, 0.2996, 0.3310



26.5112, 0.2321, 0.3557



1.0427, 0.2302, 0.3487

Inverse Universe

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



26.5375, 0.3910, 0.3209



41.0949, 0.4159, 0.3193



34.1558, 0.3850, 0.3669



9.5495, 0.3275, 0.3270



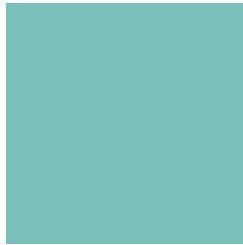
7.3104, 0.6288, 0.3238



0.2910, 0.5904, 0.3026

Previews

White Background



This preview shows how the Yxy color 44.9020, 0.2662, 0.3376 looks on a white background.

Color Contrast Check

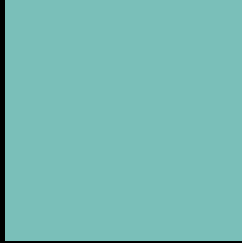
Large Text (above 18pt) WCAG AA × Fail

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 44.9020, 0.2662, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

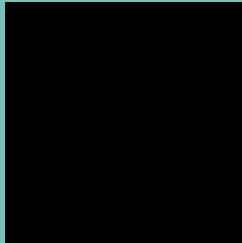
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

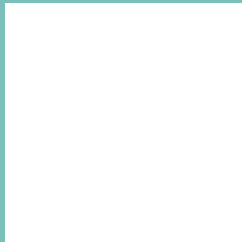
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9020, 0.2662, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 44.9020, 0.2662, 0.3376.

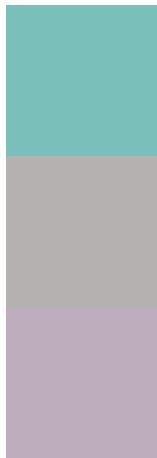


This preview shows how white text looks on a background with the Yxy color 44.9020, 0.2662, 0.3376.

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

44.9020, 0.2662, 0.3376

Protanopia

44.4424, 0.3162, 0.3290

Deuteranopia

44.5084, 0.3146, 0.3086



Tritanopia

44.7903, 0.2579, 0.3079

Trichromacy



Original Color

44.9020, 0.2662, 0.3376

Protanomaly

44.2248, 0.2960, 0.3317

Deuteranomaly

44.2727, 0.2940, 0.3182

Tritanomaly

44.7407, 0.2610, 0.3189

Monochromacy



Original Color

44.9020, 0.2662, 0.3376

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.7082, 0.2940, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9020, 0.2662, 0.3376 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(122, 191, 185)` looks like.

```
.text, #text, p{  
    color:rgb(122, 191, 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(122, 191, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 191, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.9020, 0.2662, 0.3376 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(122, 191, 185) }
```

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

```
.border{ border-color:rgb(122, 191, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 191, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 191, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 191, 185);  
box-shadow:4px 4px 4px 4px rgb(122, 191,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9020, 0.2662, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 191, 185) }
```

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

```
.background{ background-color: rgb(122,  
191, 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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