

Converting Colors

$Yxy(44.8467, 0.2701, 0.3258)$

Have a look what the booklet for
Yxy(44.8467, 0.2701, 0.3258)
contains.

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Color

Yxy(44.7525, 0.2704, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	86BCBE
RGB	134, 188, 190
RGB Percent	53%, 74%, 75%
CMY	0.4742, 0.2628, 0.2548
CMYK	0.29, 0.01, 0.00, 0.25
HSL	182°, 30%, 64%
HSV	182°, 29%, 75%
XYZ	37.1199, 44.7525, 55.4052
YIQ	172.0820, -32.8260, -10.8260

Conversions

Conversions Part 2

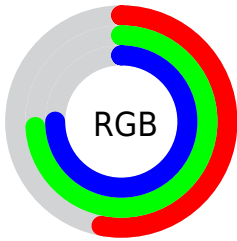
Format	Color
RYB	134, 161, 190
Decimal	8830142
CIELab	72.73, -16.97, -6.69
CIElCh	73, 18.246, 201.513
Yxy	44.7525, 0.2704, 0.3260
Android (android.graphics.Color)	4287020222 (0xFF86BCBE)
YUV	172.0820, 8.8336, -33.3979
Hunter-Lab	66.8973, -18.0245, -2.2767

Details

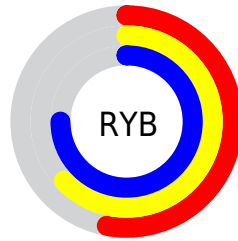
The Yxy color $44.7525, 0.2704, 0.3260$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $30.3129, 0.3764, 0.3320$, and the grayscale version is $41.2750, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.1740, 0.2782, 0.3267$, and $20.9279, 0.2586, 0.3249$ is the 20% darker color. If you saturate the color by 10%, you get $43.0357, 0.2582, 0.3249$, and if you desaturate by 10%, it is $46.7549, 0.2839, 0.3271$.

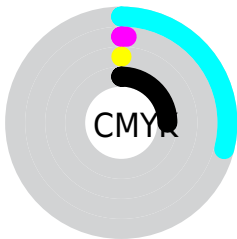
Distribution



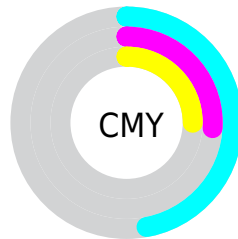
- Red (53%)
- Green (74%)
- Blue (75%)



- Red (53%)
- Yellow (63%)
- Blue (75%)



- Cyan (29%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (47%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7525, 0.2704, 0.3260 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 44.7525, 0.2704, 0.3260 by changing the saturation by 10% instead.

■ 44.7525, 0.2704,
0.3260

■ 44.7525, 0.2704,
0.3260

■ 365.7703, 0.2914,
0.3278

■ 31.2625, 0.2652,
0.3254

■ 82.3489, 0.2780,
0.3267

■ 20.7988, 0.2585,
0.3247

■ 107.2241, 0.2809,
0.3270

■ 12.9770, 0.2497,
0.3235

■ 136.6632, 0.2833,
0.3272

■ 7.4127, 0.2375,
0.3217

■ 171.0505, 0.2854,
0.3274

■ 3.7215, 0.2195,
0.3186

■ 210.7705, 0.2872,
0.3275

■ 1.5190, 0.1907,
0.3122

■ 256.2075, 0.2888,

■ 0.3021, 0.0000,

0.3276

0.2749

307.7459, 0.2902,
0.3277

0.0000, 0.0000,
0.0000

44.7525, 0.2704,
0.3260

44.7525, 0.2704,
0.3260

43.0357, 0.2582,
0.3249

46.7549, 0.2839,
0.3271

41.5840, 0.2476,
0.3237

49.0515, 0.2984,
0.3281

40.3829, 0.2388,
0.3225

51.6569, 0.3136,
0.3291

39.4140, 0.2318,
0.3213

54.5834, 0.3293,
0.3299

38.6568, 0.2267,
0.3200

57.8425, 0.3451,
0.3307

■ 38.0866, 0.2235,
0.3188

■ 61.4452, 0.3609,
0.3314

■ 37.6586, 0.2217,
0.3177

■ 63.0355, 0.3665,
0.3321

■ 37.6356, 0.2216,
0.3176

■ 63.3406, 0.3663,
0.3328

■ 63.6472, 0.3661,
0.3335

Harmonies

Analogous

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



44.7525, 0.2880, 0.3503



44.7525, 0.2704, 0.3260



44.7525, 0.2638, 0.3038

Triad

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



44.7525, 0.2704, 0.3260



44.7525, 0.3111, 0.2932



44.7525, 0.3572, 0.3679

Complementary

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



44.7525, 0.2704, 0.3260



30.3129, 0.3764, 0.3320

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.



44.7525, 0.3642, 0.3510



44.7525, 0.2704, 0.3260



44.7525, 0.3370, 0.3088

Square

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



44.7525, 0.2704, 0.3260



44.7525, 0.2865, 0.2862



44.7525, 0.3568, 0.3295



44.7525, 0.3381, 0.3750

Rectangle

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



44.7525, 0.2704, 0.3260



44.7525, 0.2663, 0.2933



44.7525, 0.3568, 0.3295



44.7525, 0.3610, 0.3631

Sweetspot

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



44.7543, 0.2704, 0.3260



89.0007, 0.2988, 0.3281



43.6851, 0.3074, 0.4107



19.4009, 0.2966, 0.3280



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.



44.7543, 0.2704, 0.3260



79.1182, 0.2628, 0.3253



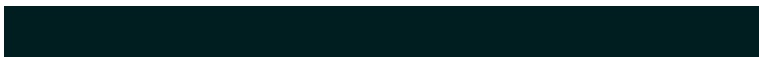
33.9995, 0.2660, 0.2849



10.7485, 0.2985, 0.3281



25.0468, 0.2216, 0.3178



0.9998, 0.2224, 0.3206

Inverse Universe

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



31.6527, 0.3181, 0.2592



51.7942, 0.3193, 0.2449



39.1929, 0.3658, 0.3694



9.6901, 0.3143, 0.3072



9.5582, 0.3301, 0.1592



0.3763, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 44.7525, 0.2704, 0.3260 looks on a white background.

Color Contrast Check

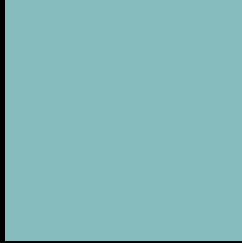
Large Text (above 18pt) WCAG AA × Fail

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 44.7525, 0.2704, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

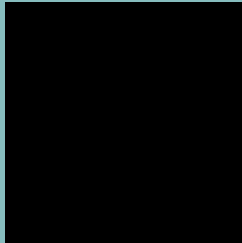
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

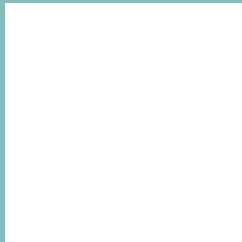
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7525, 0.2704, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 44.7525, 0.2704, 0.3260.



This preview shows how white text looks on a background with the Yxy color 44.7525, 0.2704, 0.3260.

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

44.7525, 0.2704, 0.3260

Protanopia

44.4469, 0.3096, 0.3211

Deuteranopia

44.4288, 0.3095, 0.3035



Tritanopia

44.6532, 0.2651, 0.3081

Trichromacy



Original Color

44.7525, 0.2704, 0.3260

Protanomaly

44.3794, 0.2939, 0.3222

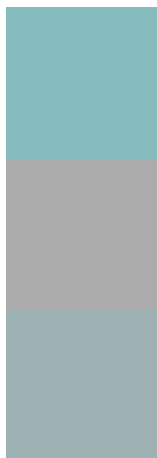
Deuteranomaly

43.9714, 0.2934, 0.3103

Tritanomaly

44.8061, 0.2671, 0.3149

Monochromacy



Original Color

44.7525, 0.2704, 0.3260

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.3646, 0.2950, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7525, 0.2704, 0.3260 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(134, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(134, 188, 190)  
}
```

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(134, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 188, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.7525, 0.2704, 0.3260 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(134, 188, 190) }
```

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

```
.border{ border-color:rgb(134, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(134, 188,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7525, 0.2704, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 188, 190) }
```

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

```
.background{ background-color: rgb(134,  
188, 190) }
```

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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