

Converting Colors

$Y_{xy}(46.2756, 0.2856, 0.3487)$

Have a look what the booklet for
Yxy(46.2756, 0.2856, 0.3487)
contains.

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Color

Yxy(46.2756, 0.2856, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	8FBFB1
RGB	143, 191, 177
RGB Percent	56%, 75%, 69%
CMY	0.4390, 0.2510, 0.3059
CMYK	0.25, 0.00, 0.07, 0.25
HSL	162°, 27%, 65%
HSV	162°, 25%, 75%
XYZ	37.9017, 46.2756, 48.5317
YIQ	175.0520, -24.1140, -14.5300

Conversions

Conversions Part 2

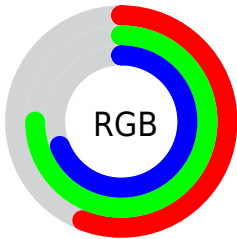
Format	Color
RYB	143, 171, 191
Decimal	9420721
CIELab	73.72, -18.72, 1.92
CIELCh	74, 18.815, 174.138
Yxy	46.2756, 0.2856, 0.3487
Android (android.graphics.Color)	4287610801 (0xFF8FBFB1)
YUV	175.0520, 0.9604, -28.1096
Hunter-Lab	68.0262, -19.5922, 5.3193

Details

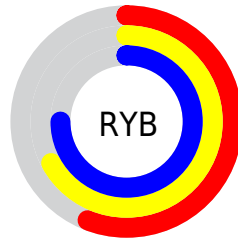
The Yxy color $46.2756, 0.2856, 0.3487$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $33.1730, 0.3498, 0.3102$, and the grayscale version is $42.9088, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.4105, 0.2905, 0.3441$, and $21.5707, 0.2779, 0.3547$ is the 20% darker color. If you saturate the color by 10%, you get $44.4970, 0.2761, 0.3578$, and if you desaturate by 10%, it is $48.3573, 0.2960, 0.3403$.

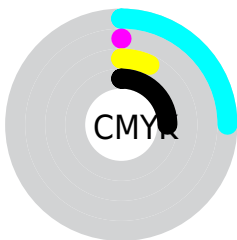
Distribution



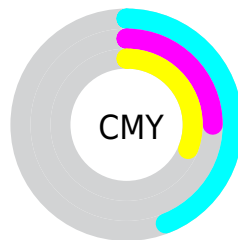
- Red (56%)
- Green (75%)
- Blue (69%)



- Red (56%)
- Yellow (67%)
- Blue (75%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (44%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2756, 0.2856, 0.3487 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 46.2756, 0.2856, 0.3487 by changing the saturation by 10% instead.

■ 46.2756, 0.2856,
0.3487

■ 46.2756, 0.2856,
0.3487

371.9155, 0.2992,
0.3388

■ 32.4634, 0.2822,
0.3512

■ 84.6313, 0.2906,
0.3451

■ 21.7157, 0.2778,
0.3545

■ 109.9436, 0.2924,
0.3437

■ 13.6481, 0.2719,
0.3588

139.8579, 0.2940,
0.3426

■ 7.8763, 0.2637,
0.3650

174.7588, 0.2953,
0.3416

■ 4.0159, 0.2514,
0.3743

215.0307, 0.2965,
0.3407

■ 1.6825, 0.2309,
0.3902

261.0578, 0.2975,

■ 0.4123, 0.0000,

0.3400

0.5672

313.2246, 0.2984,
0.3393

0.0000, 0.0000,
0.0000

46.2756, 0.2856,
0.3487

46.2756, 0.2856,
0.3487

44.4970, 0.2761,
0.3578

48.3573, 0.2960,
0.3403

43.0010, 0.2677,
0.3676

50.7502, 0.3070,
0.3326

41.7734, 0.2607,
0.3780

53.4691, 0.3183,
0.3257

40.7966, 0.2555,
0.3887

56.5261, 0.3297,
0.3195

40.0505, 0.2521,
0.3997

59.9327, 0.3410,
0.3141

■ 39.5122, 0.2507,
0.4107

■ 63.1935, 0.3500,
0.3091

■ 39.1536, 0.2513,
0.4216

■ 63.4769, 0.3455,
0.3035

■ 39.0150, 0.2519,
0.4270

■ 63.7701, 0.3410,
0.2979

■ 64.0732, 0.3366,
0.2924

Harmonies

Analogous

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



46.2756, 0.3103, 0.3684



46.2756, 0.2856, 0.3487



46.2756, 0.2685, 0.3237

Triad

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



46.2756, 0.2856, 0.3487



46.2756, 0.2880, 0.2856



46.2756, 0.3652, 0.3532

Complementary

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



46.2756, 0.2856, 0.3487



33.1730, 0.3498, 0.3102

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.



46.2756, 0.3589, 0.3314



46.2756, 0.2856, 0.3487



46.2756, 0.3134, 0.2936

Square

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



46.2756, 0.2856, 0.3487



46.2756, 0.2698, 0.2882



46.2756, 0.3396, 0.3101



46.2756, 0.3567, 0.3698

Rectangle

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



46.2756, 0.2856, 0.3487



46.2756, 0.2634, 0.3083



46.2756, 0.3396, 0.3101



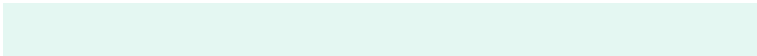
46.2756, 0.3647, 0.3462

Sweetspot

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



46.2775, 0.2856, 0.3487



89.5436, 0.3036, 0.3349



46.4553, 0.3211, 0.3969



19.5172, 0.3019, 0.3360



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.



46.2775, 0.2856, 0.3487



81.1110, 0.2803, 0.3535



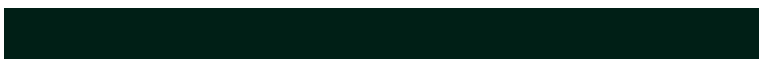
42.8187, 0.2751, 0.3154



10.7608, 0.3023, 0.3358



25.6570, 0.2515, 0.4255



1.0159, 0.2443, 0.3995

Inverse Universe

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



33.1730, 0.3498, 0.3102



53.7116, 0.3605, 0.3060



35.7262, 0.3618, 0.3421



9.5809, 0.3244, 0.3223



7.4775, 0.5762, 0.2948



0.3047, 0.5058, 0.2560

Previews

White Background



This preview shows how the Yxy color 46.2756, 0.2856, 0.3487 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 46.2756, 0.2856, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

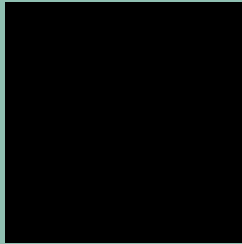
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2756, 0.2856, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 46.2756, 0.2856, 0.3487.



This preview shows how white text looks on a background with the Yxy color 46.2756, 0.2856, 0.3487.

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

46.2756, 0.2856, 0.3487

Protanopia

46.0219, 0.3252, 0.3408

Deuteranopia

45.9610, 0.3291, 0.3228



Tritanopia

46.1008, 0.2721, 0.3086

Trichromacy



Original Color

46.2756, 0.2856, 0.3487

Protanomaly

45.8442, 0.3095, 0.3439

Deuteranomaly

45.7674, 0.3117, 0.3316

Tritanomaly

45.9277, 0.2767, 0.3220

Monochromacy



Original Color

46.2756, 0.2856, 0.3487

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.9689, 0.3015, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2756, 0.2856, 0.3487 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(143, 191, 177)` looks like.

```
.text, #text, p{  
    color:rgb(143, 191, 177)  
}
```

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(143, 191, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 191, 177) }
```

Border

The CSS property to change the border of an element to Yxy 46.2756, 0.2856, 0.3487 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(143, 191, 177) }
```

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

```
.border{ border-color:rgb(143, 191, 177) }
```

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

Here you see how a box with a 4 pixel rgb(143, 191, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 191, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 191, 177);  
box-shadow:4px 4px 4px 4px rgb(143, 191,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2756, 0.2856, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 191, 177) }
```

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

```
.background{ background-color: rgb(143,  
191, 177) }
```

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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