

Converting Colors

$Y_{xy}(46.1686, 0.2954, 0.3268)$

Have a look what the booklet for
Yxy(46.1686, 0.2954, 0.3268)
contains.

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Color

Yxy(46.2424, 0.2956, 0.3276)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A5B9BA |
| RGB | 165, 185, 186 |
| RGB Percent | 65%, 73%, 73% |
| CMY | 0.3530, 0.2745, 0.2705 |
| CMYK | 0.11, 0.01, 0.00, 0.27 |
| HSL | 183°, 13%, 69% |
| HSV | 183°, 11%, 73% |
| XYZ | 41.7254, 46.2424, 53.1872 |
| YIQ | 179.1340, -12.2410, -3.9290 |

Conversions

Conversions Part 2

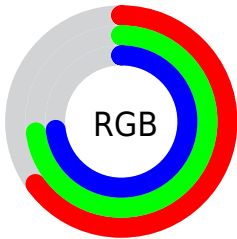
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 165, 175, 186 |
| Decimal | 10860986 |
| CIE _{Lab} | 73.70, -6.64, -2.85 |
| CIE _{LCh} | 74, 7.229, 203.236 |
| Yxy | 46.2424, 0.2956, 0.3276 |
| Android (android.graphics.Color) | 4289051066 (0xFFA5B9BA) |
| YUV | 179.1340, 3.3849, -12.3955 |
| Hunter-Lab | 68.0018, -9.4767, 1.2279 |

Details

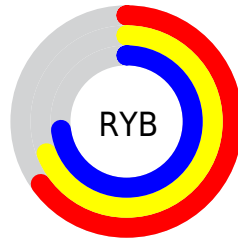
The Yxy color **46.2424, 0.2956, 0.3276** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.4197, 0.3325, 0.3304**, and the grayscale version is **45.1398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5370, 0.2987, 0.3279**, and **21.7067, 0.2907, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **44.0233, 0.2813, 0.3263**, and if you desaturate by 10%, it is **48.7577, 0.3107, 0.3288**.

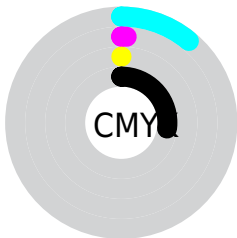
Distribution



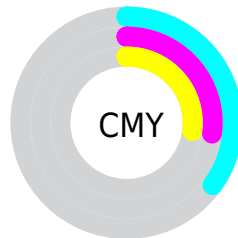
- Red (65%)
- Green (73%)
- Blue (73%)



- Red (65%)
- Yellow (69%)
- Blue (73%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)





- Cyan (35%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2424, 0.2956, 0.3276 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 46.2424, 0.2956, 0.3276 by changing the saturation by 10% instead.

 46.2424, 0.2956,
0.3276

 46.2424, 0.2956,
0.3276

371.7823, 0.3041,
0.3284

 32.4371, 0.2935,
0.3274


 84.5817, 0.2987,
0.3279

 21.6956, 0.2907,
0.3271


 109.8844, 0.2999,
0.3280

 13.6334, 0.2871,
0.3267


139.7885, 0.3008,
0.3281

 7.8661, 0.2821,
0.3262

174.6783, 0.3017,
0.3282

 4.0094, 0.2745,
0.3252

214.9382, 0.3024,
0.3282

 1.6788, 0.2621,
0.3235

260.9526, 0.3031,

 0.4099, 0.1773,

0.3283

0.3195

313.1058, 0.3036,
0.3283

0.0000, 0.0000,
0.0000

46.2424, 0.2956,
0.3276

46.2424, 0.2956,
0.3276

44.0233, 0.2813,
0.3263

48.7577, 0.3107,
0.3288

42.0822, 0.2680,
0.3248

51.5753, 0.3263,
0.3300

40.4077, 0.2560,
0.3233

54.7080, 0.3420,
0.3310

38.9852, 0.2456,
0.3218

58.1664, 0.3577,
0.3319

37.7989, 0.2369,
0.3202

61.3911, 0.3707,
0.3328

■ 36.8311, 0.2302,
0.3186

■ 61.7748, 0.3705,
0.3337

■ 36.0616, 0.2253,
0.3170

■ 62.1607, 0.3702,
0.3346

■ 35.4664, 0.2222,
0.3154

■ 62.5490, 0.3700,
0.3355

■ 35.0493, 0.2206,
0.3141

■ 62.9397, 0.3698,
0.3364

Harmonies

Analogous

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



46.2424, 0.3026, 0.3368



46.2424, 0.2956, 0.3276



46.2424, 0.2931, 0.3190

Triad

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



46.2424, 0.2956, 0.3276



46.2424, 0.3129, 0.3148



46.2424, 0.3298, 0.3447

Complementary

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



46.2424, 0.2956, 0.3276



40.4197, 0.3325, 0.3304

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.



46.2424, 0.3327, 0.3385



46.2424, 0.2956, 0.3276



46.2424, 0.3228, 0.3214

Square

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



46.2424, 0.2956, 0.3276



46.2424, 0.3030, 0.3118



46.2424, 0.3301, 0.3300



46.2424, 0.3223, 0.3467

Rectangle

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



46.2424, 0.2956, 0.3276



46.2424, 0.2944, 0.3148



46.2424, 0.3301, 0.3300



46.2424, 0.3314, 0.3431

Sweetspot

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



46.2443, 0.2956, 0.3276



87.5320, 0.3080, 0.3286



45.8608, 0.3108, 0.3570



19.1920, 0.3068, 0.3285



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.2443, 0.2956, 0.3276



82.5785, 0.2913, 0.3272



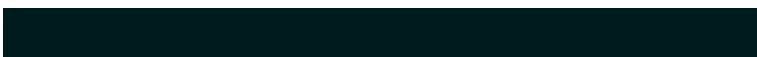
42.1209, 0.2954, 0.3137



10.1353, 0.2985, 0.3279



23.6085, 0.2206, 0.3143



0.8549, 0.2218, 0.3183

Inverse Universe

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



40.8444, 0.3149, 0.3029



70.5258, 0.3155, 0.2960



44.2831, 0.3309, 0.3439



9.1552, 0.3145, 0.3075



9.1656, 0.3330, 0.1608



0.3254, 0.3296, 0.1590

Previews

White Background



This preview shows how the Yxy color 46.2424, 0.2956, 0.3276 looks on a white background.

Color Contrast Check

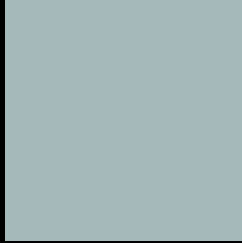
Large Text (above 18pt) WCAG AA × Fail

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 46.2424, 0.2956, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

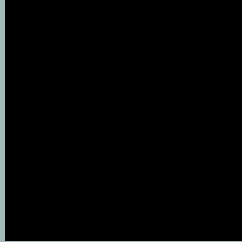
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

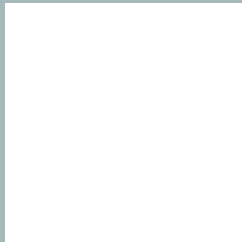
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2424, 0.2956, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 46.2424, 0.2956, 0.3276.



This preview shows how white text looks on a background with the Yxy color 46.2424, 0.2956, 0.3276.

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

46.2424, 0.2956, 0.3276

Protanopia

46.1287, 0.3129, 0.3251

Deuteranopia

45.8929, 0.3196, 0.3127



Tritanopia

46.1597, 0.2885, 0.3092

Trichromacy



Original Color

46.2424, 0.2956, 0.3276

Protanomaly

46.1467, 0.3061, 0.3263

Deuteranomaly

46.0184, 0.3106, 0.3187

Tritanomaly

46.2830, 0.2906, 0.3157

Monochromacy



Original Color

46.2424, 0.2956, 0.3276

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.4238, 0.3060, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2424, 0.2956, 0.3276 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(165, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(165, 185, 186)  
}
```

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(165, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 185, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.2424, 0.2956, 0.3276 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(165, 185, 186) }
```

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

```
.border{ border-color:rgb(165, 185, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(165, 185,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2424, 0.2956, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 185, 186) }
```

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

```
.background{ background-color: rgb(165,  
185, 186) }
```

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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