

Converting Colors

$Y_{xy}(42.3441, 0.2900, 0.3218)$

Have a look what the booklet for
Yxy(42.3441, 0.2900, 0.3218)
contains.

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Color

Yxy(42.3276, 0.2904, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	9CB2B7
RGB	156, 178, 183
RGB Percent	61%, 70%, 72%
CMY	0.3883, 0.3019, 0.2824
CMYK	0.15, 0.03, 0.00, 0.28
HSL	191°, 16%, 66%
HSV	191°, 15%, 72%
XYZ	38.1737, 42.3276, 50.9509
YIQ	171.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

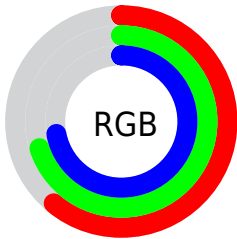
Format	Color
R_{YB}	156, 168, 183
Decimal	10269367
CIE _{Lab}	71.10, -6.51, -5.11
CIE _{LCh}	71, 8.275, 218.103
Yxy	42.3276, 0.2904, 0.3220
Android (android.graphics.Color)	4288459447 (0xFF9CB2B7)
YUV	171.9920, 5.4269, -14.0250
Hunter-Lab	65.0597, -9.1197, -0.8906

Details

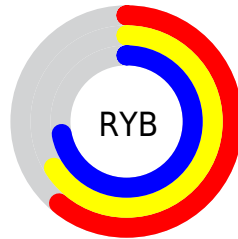
The Yxy color $42.3276, 0.2904, 0.3220$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.9404, 0.3387, 0.3359$, and the grayscale version is $41.2271, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9265, 0.2947, 0.3236$, and $19.2220, 0.2835, 0.3192$ is the 20% darker color. If you saturate the color by 10%, you get $39.3138, 0.2758, 0.3167$, and if you desaturate by 10%, it is $45.6529, 0.3055, 0.3269$.

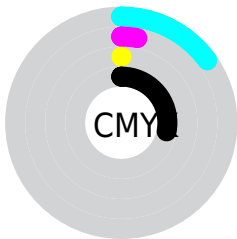
Distribution



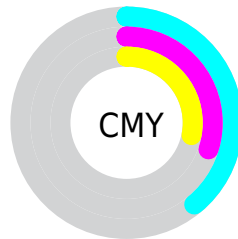
- Red (61%)
- Green (70%)
- Blue (72%)



- Red (61%)
- Yellow (66%)
- Blue (72%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (39%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3276, 0.2904, 0.3220 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 42.3276, 0.2904, 0.3220 by changing the saturation by 10% instead.

■ 42.3276, 0.2904,
0.3220

■ 42.3276, 0.2904,
0.3220

■ 355.8392, 0.3017,
0.3257

■ 29.3579, 0.2875,
0.3210

■ 78.6952, 0.2945,
0.3234

■ 19.3517, 0.2839,
0.3198

■ 102.8619, 0.2961,
0.3239

■ 11.9247, 0.2789,
0.3180

■ 131.5297, 0.2974,
0.3243

■ 6.6924, 0.2720,
0.3155

■ 165.0830, 0.2985,
0.3246

■ 3.2705, 0.2614,
0.3115

■ 203.9062, 0.2994,
0.3249

■ 1.2745, 0.2435,
0.3043

■ 248.3837, 0.3003,

■ 0.1214, 0.0000,

0.3252

0.1988

298.8999, 0.3010,
0.3254

0.0000, 0.0000,
0.0000

42.3276, 0.2904,
0.3220

42.3276, 0.2904,
0.3220

39.3138, 0.2758,
0.3167

45.6529, 0.3055,
0.3269

36.5937, 0.2620,
0.3111

49.2962, 0.3207,
0.3313

34.1557, 0.2492,
0.3050

53.2703, 0.3359,
0.3352

31.9852, 0.2378,
0.2987

57.5857, 0.3509,
0.3387

30.0663, 0.2280,
0.2922

62.2523, 0.3655,
0.3418

■ 28.3808, 0.2201,
0.2856

■ 65.1791, 0.3708,
0.3450

■ 26.9082, 0.2140,
0.2790

■ 66.7406, 0.3698,
0.3485

■ 25.6233, 0.2098,
0.2724

■ 68.3367, 0.3688,
0.3520

■ 24.9967, 0.2081,
0.2690

■ 69.9676, 0.3679,
0.3554

Harmonies

Analogous

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



42.3276, 0.2961, 0.3329



42.3276, 0.2904, 0.3220



42.3276, 0.2905, 0.3133

Triad

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



42.3276, 0.2904, 0.3220



42.3276, 0.3189, 0.3157



42.3276, 0.3290, 0.3494

Complementary

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



42.3276, 0.2904, 0.3220



37.9404, 0.3387, 0.3359

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.



42.3276, 0.3354, 0.3443



42.3276, 0.2904, 0.3220



42.3276, 0.3295, 0.3249

Square

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



42.3276, 0.2904, 0.3220



42.3276, 0.3068, 0.3099



42.3276, 0.3356, 0.3353



42.3276, 0.3183, 0.3490

Rectangle

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



42.3276, 0.2904, 0.3220



42.3276, 0.2939, 0.3099



42.3276, 0.3356, 0.3353



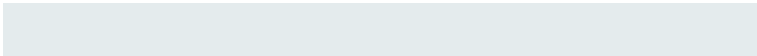
42.3276, 0.3318, 0.3483

Sweetspot

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



42.3294, 0.2904, 0.3220



82.2092, 0.3065, 0.3272



43.4989, 0.3071, 0.3604



18.0535, 0.3054, 0.3268



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.3294, 0.2904, 0.3220



73.8491, 0.2852, 0.3202



37.2262, 0.2897, 0.3028



9.9216, 0.2985, 0.3247



17.5333, 0.2083, 0.2698



0.6921, 0.2130, 0.2866

Inverse Universe

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



37.0508, 0.3189, 0.2995



62.4933, 0.3206, 0.2923



42.9062, 0.3361, 0.3539



9.1336, 0.3165, 0.3106



8.5523, 0.3730, 0.1829



0.3090, 0.3574, 0.1742

Previews

White Background



This preview shows how the Yxy color 42.3276, 0.2904, 0.3220 looks on a white background.

Color Contrast Check

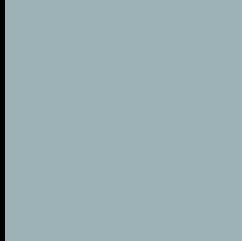
Large Text (above 18pt) WCAG AA × Fail

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 42.3276, 0.2904, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

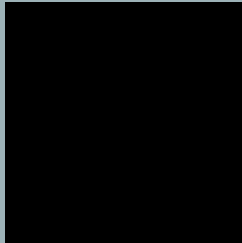
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

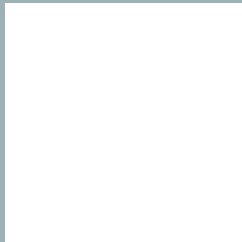
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3276, 0.2904, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 42.3276, 0.2904, 0.3220.



This preview shows how white text looks on a background with the Yxy color 42.3276, 0.2904, 0.3220.

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

42.3276, 0.2904, 0.3220

Protanopia

42.2964, 0.3087, 0.3196

Deuteranopia

42.3178, 0.3146, 0.3082



Tritanopia

42.3740, 0.2853, 0.3097

Trichromacy



Original Color

42.3276, 0.2904, 0.3220

Protanomaly

42.3210, 0.3018, 0.3208

Deuteranomaly

42.0797, 0.3055, 0.3129

Tritanomaly

42.2432, 0.2875, 0.3138

Monochromacy



Original Color

42.3276, 0.2904, 0.3220

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.5137, 0.3041, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3276, 0.2904, 0.3220 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(156, 178, 183)` looks like.

```
.text, #text, p{  
    color:rgb(156, 178, 183)  
}
```

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(156, 178, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 178, 183) }
```

Border

The CSS property to change the border of an element to Yxy 42.3276, 0.2904, 0.3220 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(156, 178, 183) }
```

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

```
.border{ border-color:rgb(156, 178, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 178, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 178, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 178, 183);  
box-shadow:4px 4px 4px 4px rgb(156, 178,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3276, 0.2904, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 178, 183) }
```

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

```
.background{ background-color: rgb(156,  
178, 183) }
```

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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