

Converting Colors

$Yxy(49.2906, 0.2961, 0.3263)$

Have a look what the booklet for
Yxy(49.2906, 0.2961, 0.3263)
contains.

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Color

Yxy(49.2906, 0.2961, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	ABBEC0
RGB	171, 190, 192
RGB Percent	67%, 75%, 75%
CMY	0.3293, 0.2549, 0.2470
CMYK	0.11, 0.01, 0.00, 0.25
HSL	186°, 14%, 71%
HSV	186°, 11%, 75%
XYZ	44.7286, 49.2906, 57.0399
YIQ	184.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

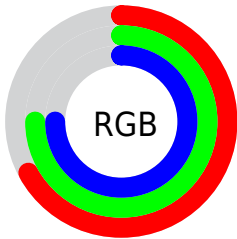
Format	Color
R_{YB}	171, 181, 192
Decimal	11255488
CIE Lab	75.63, -6.05, -3.24
CIE LCh	76, 6.865, 208.169
Yxy	49.2906, 0.2961, 0.3263
Android (android.graphics.Color)	4289445568 (0xFFABBE0)
YUV	184.5470, 3.6743, -11.8807
Hunter-Lab	70.2073, -9.1415, 0.9749

Details

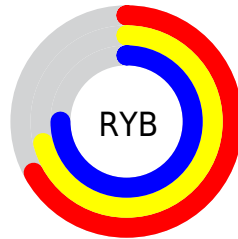
The Yxy color $49.2906, 0.2961, 0.3263$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.0600, 0.3316, 0.3317$, and the grayscale version is $48.2393, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.8576, 0.2990, 0.3269$, and $23.6773, 0.2915, 0.3254$ is the 20% darker color. If you saturate the color by 10%, you get $46.4910, 0.2815, 0.3236$, and if you desaturate by 10%, it is $52.4179, 0.3113, 0.3288$.

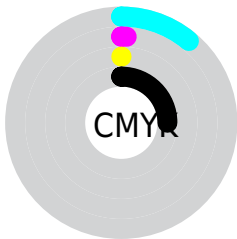
Distribution



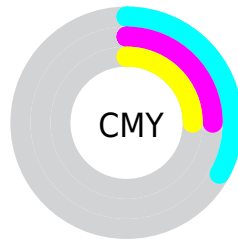
- Red (67%)
- Green (75%)
- Blue (75%)



- Red (67%)
- Yellow (71%)
- Blue (75%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.2906, 0.2961, 0.3263 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 49.2906, 0.2961, 0.3263 by changing the saturation by 10% instead.

■ 49.2906, 0.2961,
0.3263

■ 49.2906, 0.2961,
0.3263

■ 383.8852, 0.3043,
0.3277

■ 34.8501, 0.2941,
0.3259

■ 89.1229, 0.2991,
0.3268

■ 23.5474, 0.2915,
0.3255

■ 115.2835, 0.3002,
0.3270

■ 14.9982, 0.2881,
0.3248

■ 146.1195, 0.3011,
0.3272

■ 8.8181, 0.2834,
0.3239

■ 182.0153, 0.3019,
0.3273

■ 4.6227, 0.2766,
0.3225

■ 223.3554, 0.3026,
0.3274

■ 2.0277, 0.2655,
0.3201

■ 270.5242, 0.3033,

■ 0.6235, 0.2254,

0.3275

0.3159

323.9060, 0.3038,
0.3276

0.0000, 0.0000,
0.0000

49.2906, 0.2961,
0.3263

49.2906, 0.2961,
0.3263

46.4910, 0.2815,
0.3236

52.4179, 0.3113,
0.3288

43.9994, 0.2679,
0.3207

55.8793, 0.3268,
0.3310

41.8033, 0.2554,
0.3177

59.6889, 0.3424,
0.3331

39.8873, 0.2444,
0.3145

63.8580, 0.3578,
0.3349

38.2340, 0.2351,
0.3112

66.0422, 0.3632,
0.3367

■ 36.8244, 0.2276,
0.3079

■ 66.9034, 0.3627,
0.3386

■ 35.6366, 0.2221,
0.3045

■ 67.7751, 0.3623,
0.3405

■ 34.6450, 0.2184,
0.3012

■ 68.6573, 0.3618,
0.3424

■ 33.8703, 0.2162,
0.2983

■ 69.5501, 0.3614,
0.3443

Harmonies

Analogous

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



49.2906, 0.3020, 0.3349



49.2906, 0.2961, 0.3263



49.2906, 0.2946, 0.3186

Triad

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



49.2906, 0.2961, 0.3263



49.2906, 0.3144, 0.3166



49.2906, 0.3277, 0.3442

Complementary

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



49.2906, 0.2961, 0.3263



44.0600, 0.3316, 0.3317

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.



49.2906, 0.3312, 0.3390



49.2906, 0.2961, 0.3263



49.2906, 0.3235, 0.3232

Square

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



49.2906, 0.2961, 0.3263



49.2906, 0.3051, 0.3132



49.2906, 0.3296, 0.3313



49.2906, 0.3202, 0.3453

Rectangle

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



49.2906, 0.2961, 0.3263



49.2906, 0.2963, 0.3151



49.2906, 0.3296, 0.3313



49.2906, 0.3294, 0.3429

Sweetspot

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



49.2927, 0.2961, 0.3263



93.7042, 0.3080, 0.3283



49.3799, 0.3101, 0.3547



20.0016, 0.3068, 0.3281



97.7402, 0.3127, 0.3290



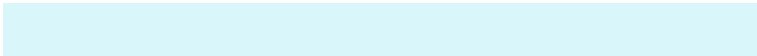
20.4902, 0.3127, 0.3290

Same Dimension

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



49.2927, 0.2961, 0.3263



88.0850, 0.2927, 0.3257



45.0200, 0.2959, 0.3128



11.2566, 0.2984, 0.3267



22.8474, 0.2163, 0.2987



1.0364, 0.2183, 0.3060

Inverse Universe

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



44.0631, 0.3157, 0.3050



76.8449, 0.3163, 0.2999



48.1320, 0.3301, 0.3447



10.2302, 0.3152, 0.3085



9.5887, 0.3466, 0.1683



0.4193, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 49.2906, 0.2961, 0.3263 looks on a white background.

Color Contrast Check

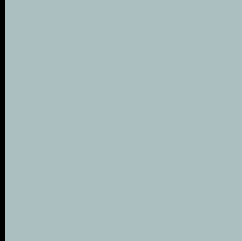
Large Text (above 18pt) WCAG AA × Fail

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 49.2906, 0.2961, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

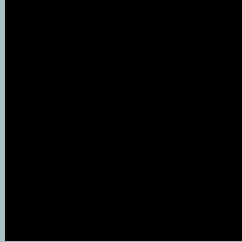
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

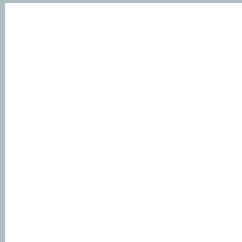
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.2906, 0.2961, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 49.2906, 0.2961, 0.3263.



This preview shows how white text looks on a background with the Yxy color 49.2906, 0.2961, 0.3263.

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

49.2906, 0.2961, 0.3263

Protanopia

49.0634, 0.3121, 0.3239

Deuteranopia

48.9551, 0.3195, 0.3119



Tritanopia

49.1625, 0.2898, 0.3097

Trichromacy



Original Color

49.2906, 0.2961, 0.3263

Protanomaly

49.2034, 0.3063, 0.3251

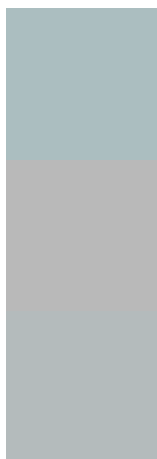
Deuteranomaly

49.0784, 0.3107, 0.3177

Tritanomaly

49.2894, 0.2919, 0.3160

Monochromacy



Original Color

49.2906, 0.2961, 0.3263

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.8748, 0.3062, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2906, 0.2961, 0.3263 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(171, 190, 192)` looks like.

```
.text, #text, p{  
    color:rgb(171, 190, 192)  
}
```

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(171, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 190, 192) }
```

Border

The CSS property to change the border of an element to Yxy 49.2906, 0.2961, 0.3263 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(171, 190, 192) }
```

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

```
.border{ border-color:rgb(171, 190, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 190, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(171, 190,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2906, 0.2961, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 190, 192) }
```

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

```
.background{ background-color: rgb(171,  
190, 192) }
```

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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