

Converting Colors

$Yxy(49.2187, 0.2755, 0.2995)$

Have a look what the booklet for
Yxy(49.2187, 0.2755, 0.2995)
contains.

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Color

Yxy(49.3124, 0.2752, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	A2BED5
RGB	162, 190, 213
RGB Percent	64%, 75%, 84%
CMY	0.3646, 0.2549, 0.1648
CMYK	0.24, 0.11, 0.00, 0.16
HSL	207°, 38%, 74%
HSV	207°, 24%, 84%
XYZ	45.3266, 49.3124, 70.0651
YIQ	184.2500, -24.0710, 1.2170

Conversions

Conversions Part 2

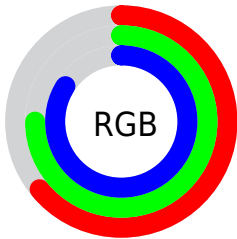
Format	Color
RYB	162, 180, 213
Decimal	10665685
CIELab	75.65, -4.38, -14.66
CIELCh	76, 15.300, 253.348
Yxy	49.3124, 0.2752, 0.2994
Android (android.graphics.Color)	4288855765 (0xFFA2BED5)
YUV	184.2500, 14.1738, -19.5132
Hunter-Lab	70.2228, -7.6738, -10.0009

Details

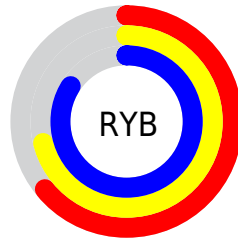
The Yxy color **49.3124, 0.2752, 0.2994** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.4569, 0.3558, 0.3569**, and the grayscale version is **48.0118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0370, 0.2903, 0.3197**, and **23.6112, 0.2651, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **43.2436, 0.2592, 0.2849**, and if you desaturate by 10%, it is **56.0373, 0.2911, 0.3127**.

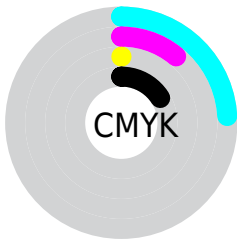
Distribution



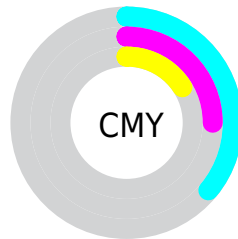
- Red (64%)
- Green (75%)
- Blue (84%)



- Red (64%)
- Yellow (71%)
- Blue (84%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)





- Cyan (36%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3124, 0.2752, 0.2994 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 49.3124, 0.2752, 0.2994 by changing the saturation by 10% instead.

 49.3124, 0.2752,
0.2994


 49.3124, 0.2752,
0.2994

383.9709, 0.2936,
0.3141

 34.8674, 0.2707,
0.2958


 89.1553, 0.2818,
0.3047

 23.5607, 0.2651,
0.2911


 115.3219, 0.2843,
0.3067

 15.0081, 0.2577,
0.2850


146.1645, 0.2864,
0.3084

 8.8251, 0.2477,
0.2766

182.0674, 0.2882,
0.3099

 4.6272, 0.2332,
0.2643

223.4151, 0.2898,
0.3111

 2.0303, 0.2109,
0.2448

270.5920, 0.2912,

 0.6250, 0.1611,

0.3123

0.2067

323.9825, 0.2925,
0.3132

0.0000, 0.0000,
0.0000

49.3124, 0.2752,
0.2994

49.3124, 0.2752,
0.2994

43.2436, 0.2592,
0.2849

56.0373, 0.2911,
0.3127

37.8006, 0.2435,
0.2692

63.4352, 0.3067,
0.3247

32.9593, 0.2286,
0.2525

71.5294, 0.3218,
0.3354

28.6915, 0.2149,
0.2352

80.3405, 0.3361,
0.3449

24.9658, 0.2028,
0.2175

87.2321, 0.3402,
0.3540

■ 21.7466, 0.1929,
0.2000

■ 92.9775, 0.3387,
0.3632

■ 18.9919, 0.1852,
0.1830

■ 97.5830, 0.3376,
0.3701

■ 17.5041, 0.1814,
0.1729

Harmonies

Analogous

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



49.3124, 0.2732, 0.3132



49.3124, 0.2752, 0.2994



49.3124, 0.2869, 0.2939

Triad

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



49.3124, 0.2752, 0.2994



49.3124, 0.3449, 0.3247



49.3124, 0.3186, 0.3635

Complementary

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



49.3124, 0.2752, 0.2994



51.4569, 0.3558, 0.3569

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.



49.3124, 0.3384, 0.3657



49.3124, 0.2752, 0.2994



49.3124, 0.3539, 0.3426

Square

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



49.3124, 0.2752, 0.2994



49.3124, 0.3270, 0.3084



49.3124, 0.3514, 0.3577



49.3124, 0.2978, 0.3510

Rectangle

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



49.3124, 0.2752, 0.2994



49.3124, 0.2989, 0.2952



49.3124, 0.3514, 0.3577



49.3124, 0.3256, 0.3654

Sweetspot

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



49.3144, 0.2752, 0.2994



91.7402, 0.3019, 0.3210



58.7639, 0.2948, 0.3651



19.4890, 0.3009, 0.3203



0.0000, 0.0000, 0.0000



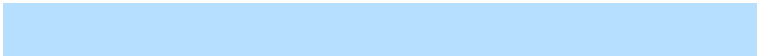
21.4041, 0.3127, 0.3290

Same Dimension

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



49.3144, 0.2752, 0.2994



69.1026, 0.2666, 0.2917



39.2477, 0.2724, 0.2653



13.1273, 0.2982, 0.3182



10.9013, 0.1820, 0.1753



0.8219, 0.1901, 0.2042

Inverse Universe

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



43.7135, 0.3357, 0.2956



59.5829, 0.3424, 0.2877



63.0594, 0.3492, 0.3856



12.5337, 0.3206, 0.3163



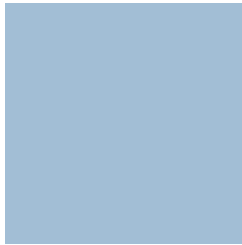
9.4453, 0.4742, 0.2386



0.5863, 0.4405, 0.2200

Previews

White Background



This preview shows how the Yxy color 49.3124, 0.2752, 0.2994 looks on a white background.

Color Contrast Check

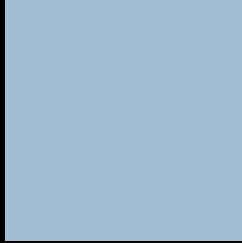
Large Text (above 18pt) WCAG AA × Fail

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 49.3124, 0.2752, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

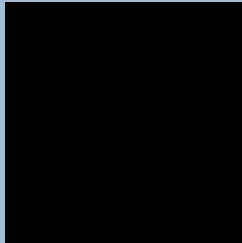
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

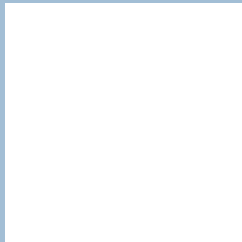
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3124, 0.2752, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 49.3124, 0.2752, 0.2994.



This preview shows how white text looks on a background with the Yxy color 49.3124, 0.2752, 0.2994.

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

49.3124, 0.2752, 0.2994

Protanopia

49.2962, 0.2917, 0.2978

Deuteranopia

48.9012, 0.2942, 0.2876



Tritanopia

49.2949, 0.2791, 0.3094

Trichromacy



Original Color

49.3124, 0.2752, 0.2994

Protanomaly

49.3578, 0.2857, 0.2987

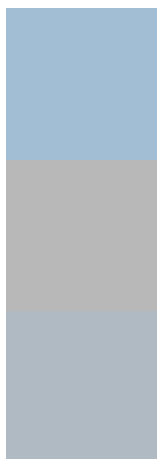
Deuteranomaly

48.8393, 0.2873, 0.2917

Tritanomaly

49.4421, 0.2771, 0.3056

Monochromacy



Original Color

49.3124, 0.2752, 0.2994

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.2880, 0.2978, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3124, 0.2752, 0.2994 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(162, 190, 213)` looks like.

```
.text, #text, p{  
    color:rgb(162, 190, 213)  
}
```

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(162, 190, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 190, 213) }
```

Border

The CSS property to change the border of an element to Yxy 49.3124, 0.2752, 0.2994 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(162, 190, 213) }
```

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

```
.border{ border-color:rgb(162, 190, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 190, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 190, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 190, 213);  
box-shadow:4px 4px 4px 4px rgb(162, 190,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3124, 0.2752, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 190, 213) }
```

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

```
.background{ background-color: rgb(162,  
190, 213) }
```

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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