

Converting Colors

$Yxy(54.6190, 0.2961, 0.3004)$

Have a look what the booklet for
Yxy(54.6190, 0.2961, 0.3004)
contains.

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Color

Yxy(54.6190, 0.2961, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	C2C1D9
RGB	194, 193, 217
RGB Percent	76%, 76%, 85%
CMY	0.2394, 0.2431, 0.1489
CMYK	0.11, 0.11, 0.00, 0.15
HSL	242°, 24%, 80%
HSV	242°, 11%, 85%
XYZ	53.8372, 54.6190, 73.3647
YIQ	196.0350, -7.1080, 7.6760

Conversions

Conversions Part 2

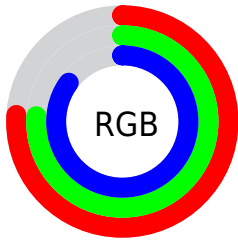
Format	Color
RYB	194, 193, 217
Decimal	12763609
CIELab	78.82, 4.99, -11.85
CIELCh	79, 12.858, 292.819
Yxy	54.6190, 0.2961, 0.3004
Android (android.graphics.Color)	4290953689 (0xFFC2C1D9)
YUV	196.0350, 10.3357, -1.7847
Hunter-Lab	73.9047, 0.6983, -7.1236

Details

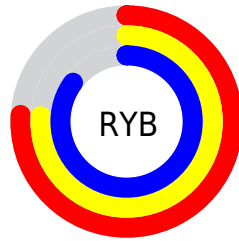
The Yxy color `54.6190, 0.2961, 0.3004` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `68.0979, 0.3284, 0.3562`, and the grayscale version is `55.1629, 0.3127, 0.3290`.

A 20% lighter version of the original color is `95.4806, 0.3105, 0.3232`, and `26.9403, 0.2916, 0.2940` is the 20% darker color. If you saturate the color by 10%, you get `43.1523, 0.2789, 0.2710`, and if you desaturate by 10%, it is `67.8851, 0.3112, 0.3264`.

Distribution



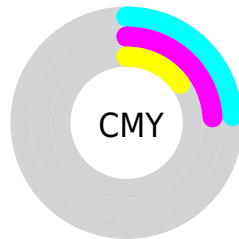
- Red (76%)
- Green (76%)
- Blue (85%)



- Red (76%)
- Yellow (76%)
- Blue (85%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6190, 0.2961, 0.3004 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 54.6190, 0.2961, 0.3004 by changing the saturation by 10% instead.

■ 54.6190, 0.2961,
0.3004

■ 54.6190, 0.2961,
0.3004

404.4661, 0.3042,
0.3141

■ 39.0968, 0.2941,
0.2971

■ 96.9825, 0.2990,
0.3053

■ 26.8350, 0.2916,
0.2930

124.5926, 0.3001,
0.3071

■ 17.4493, 0.2884,
0.2877

157.0007, 0.3011,
0.3087

■ 10.5554, 0.2839,
0.2806

194.5913, 0.3019,
0.3101

■ 5.7687, 0.2776,
0.2705

237.7487, 0.3026,
0.3113

■ 2.7050, 0.2676,
0.2553

286.8574, 0.3032,

■ 0.9797, 0.2501,

0.3124

0.2295

342.3017, 0.3037,
0.3133

0.0000, 0.0000,
0.0000

54.6190, 0.2961,
0.3004

54.6190, 0.2961,
0.3004

43.1523, 0.2789,
0.2710

67.8851, 0.3112,
0.3264

33.4010, 0.2599,
0.2386

83.0161, 0.3244,
0.3492

25.2847, 0.2393,
0.2040

97.7909, 0.3351,
0.3661

18.7139, 0.2182,
0.1687

13.5906, 0.1978,
0.1349

■ 9.8053, 0.1796,
0.1052

■ 7.2332, 0.1652,
0.0821

■ 5.7260, 0.1555,
0.0673

■ 5.0663, 0.1510,
0.0605

Harmonies

Analogous

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



54.6190, 0.2843, 0.3027



54.6190, 0.2961, 0.3004



54.6190, 0.3126, 0.3053

Triad

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



54.6190, 0.2961, 0.3004



54.6190, 0.3465, 0.3445



54.6190, 0.2958, 0.3423

Complementary

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



54.6190, 0.2961, 0.3004



68.0979, 0.3284, 0.3562

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.



54.6190, 0.3122, 0.3544



54.6190, 0.2961, 0.3004



54.6190, 0.3416, 0.3552

Square

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



54.6190, 0.2961, 0.3004



54.6190, 0.3420, 0.3303



54.6190, 0.3290, 0.3591



54.6190, 0.2842, 0.3266

Rectangle

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



54.6190, 0.2961, 0.3004



54.6190, 0.3241, 0.3120



54.6190, 0.3290, 0.3591



54.6190, 0.3009, 0.3470

Sweetspot

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



54.6213, 0.2961, 0.3004



93.8488, 0.3084, 0.3216



65.5755, 0.2958, 0.3280



19.7445, 0.3072, 0.3195



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.



54.6213, 0.2961, 0.3004



75.0964, 0.2927, 0.2946



56.2527, 0.3052, 0.3012



12.6416, 0.2987, 0.3049



3.0769, 0.1513, 0.0607



0.2082, 0.1553, 0.0629

Inverse Universe

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



57.8627, 0.3147, 0.3030



80.5588, 0.3151, 0.2980



66.3560, 0.3196, 0.3569



13.2655, 0.3144, 0.3069



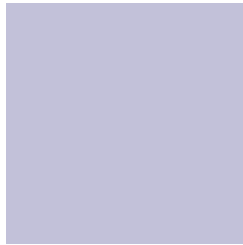
11.7032, 0.3310, 0.1597



0.7610, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 54.6190, 0.2961, 0.3004 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 54.6190, 0.2961, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

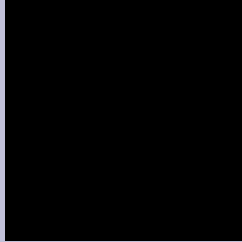
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

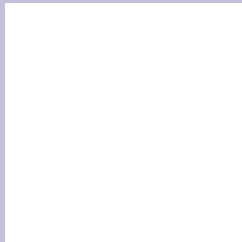
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6190, 0.2961, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 54.6190, 0.2961, 0.3004.

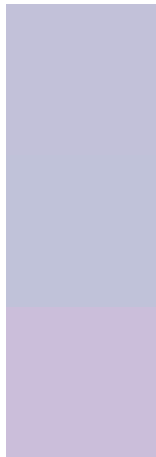


This preview shows how white text looks on a background with the Yxy color 54.6190, 0.2961, 0.3004.

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

54.6190, 0.2961, 0.3004

Protanopia

54.7998, 0.2947, 0.3015

Deuteranopia

54.5854, 0.3024, 0.2963



Tritanopia

54.5742, 0.3003, 0.3097

Trichromacy



Original Color

54.6190, 0.2961, 0.3004

Protanomaly

54.9308, 0.2954, 0.3016

Deuteranomaly

54.6029, 0.3000, 0.2973

Tritanomaly

54.7251, 0.2982, 0.3062

Monochromacy



Original Color

54.6190, 0.2961, 0.3004

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9919, 0.3061, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6190, 0.2961, 0.3004 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(194, 193, 217)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 217)  
}
```

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(194, 193, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 217) }
```

Border

The CSS property to change the border of an element to Yxy 54.6190, 0.2961, 0.3004 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(194, 193, 217) }
```

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

```
.border{ border-color:rgb(194, 193, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 217);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6190, 0.2961, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 217) }
```

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

```
.background{ background-color: rgb(194,  
193, 217) }
```

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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