

Converting Colors

$Y_{xy}(29.5420, 0.2357, 0.2906)$

Have a look what the booklet for
Yxy(29.5420, 0.2357, 0.2906)
contains.

Yxy(29.5392, 0.2357, 0.2906)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(29.5392, 0.2357, 0.2906)$

Conversions

Conversions Part 1

Format	Color
Hex	519EB5
RGB	81, 158, 181
RGB Percent	32%, 62%, 71%
CMY	0.6824, 0.3804, 0.2902
CMYK	0.55, 0.13, 0.00, 0.29
HSL	194°, 40%, 51%
HSV	194°, 55%, 71%
XYZ	23.9587, 29.5392, 48.1511
YIQ	137.5990, -53.2750, -9.1710

Conversions

Conversions Part 2

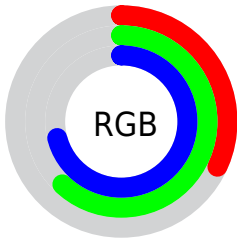
Format	Color
R_{YB}	81, 125, 181
Decimal	5349045
CIE _{Lab}	61.25, -17.15, -19.18
CIE _{LCh}	61, 25.724, 228.200
Yxy	29.5392, 0.2357, 0.2906
Android (android.graphics.Color)	4283539125 (0xFF519EB5)
YUV	137.5990, 21.3967, -49.6373
Hunter-Lab	54.3500, -16.4257, -14.4827

Details

The Yxy color **29.5392, 0.2357, 0.2906** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3115, 0.4538, 0.3617**, and the grayscale version is **25.1862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1062, 0.2508, 0.2991**, and **12.1255, 0.2120, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **27.4492, 0.2254, 0.2823**, and if you desaturate by 10%, it is **31.8925, 0.2476, 0.2986**.

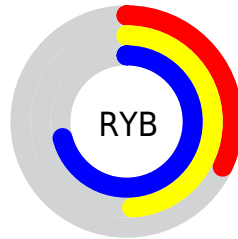
Distribution



Red (32%)

Green (62%)

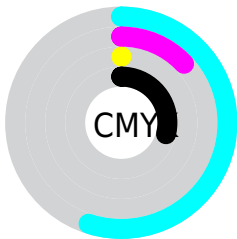
Blue (71%)



Red (32%)

Yellow (49%)

Blue (71%)

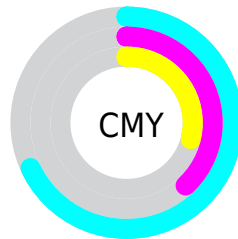


Cyan (55%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (68%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5392, 0.2357, 0.2906 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 29.5392, 0.2357, 0.2906 by changing the saturation by 10% instead.


 29.5392, 0.2357,
0.2906


 29.5392, 0.2357,
0.2906


299.7506, 0.2759,
0.3120


 19.4891, 0.2252,
0.2845


 58.9327, 0.2507,
0.2989


 12.0242, 0.2115,
0.2762


 79.0448, 0.2562,
0.3019

 6.7602, 0.1930,
0.2643


 103.2798, 0.2608,
0.3043

 3.3126, 0.1668,
0.2462

 132.0220, 0.2647,
0.3064

 1.2970, 0.1275,
0.2160

165.6558, 0.2681,
0.3081

 0.1389, 0.0000,
0.0801

204.5655, 0.2710,

 0.0000, 0.0000,

0.3096

0.0000

249.1357, 0.2736,
0.3109

■ 29.5392, 0.2357,
0.2906

■ 29.5392, 0.2357,
0.2906

■ 27.4492, 0.2254,
0.2823

■ 31.8925, 0.2476,
0.2986

■ 25.6015, 0.2169,
0.2739

■ 34.5217, 0.2607,
0.3062

■ 23.9765, 0.2103,
0.2655

■ 37.4424, 0.2748,
0.3133

■ 22.5490, 0.2056,
0.2571

■ 40.6679, 0.2896,
0.3200

■ 21.9149, 0.2037,
0.2532

■ 44.2107, 0.3047,
0.3260

■ 48.0824, 0.3199,
0.3315

■ 52.2940, 0.3350,
0.3365

■ 56.8560, 0.3497,
0.3409

■ 61.7782, 0.3640,
0.3447

Harmonies

Analogous

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



29.5392, 0.2476, 0.3274



29.5392, 0.2357, 0.2906



29.5392, 0.2425, 0.2676

Triad

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



29.5392, 0.2357, 0.2906



29.5392, 0.3473, 0.2936



29.5392, 0.3567, 0.4039

Complementary

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



29.5392, 0.2357, 0.2906



20.3115, 0.4538, 0.3617

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.



29.5392, 0.3866, 0.3881



29.5392, 0.2357, 0.2906



29.5392, 0.3818, 0.3248

Square

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



29.5392, 0.2357, 0.2906



29.5392, 0.3047, 0.2710



29.5392, 0.3963, 0.3587



29.5392, 0.3162, 0.3975

Rectangle

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



29.5392, 0.2357, 0.2906



29.5392, 0.2570, 0.2616



29.5392, 0.3963, 0.3587



29.5392, 0.3684, 0.4007

Sweetspot

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



29.5403, 0.2357, 0.2906



71.6245, 0.2866, 0.3187



35.7661, 0.2918, 0.4671



15.2306, 0.2837, 0.3174



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.5403, 0.2357, 0.2906



48.5220, 0.2237, 0.2808



16.0900, 0.2175, 0.2031



9.2937, 0.2986, 0.3236



15.2174, 0.2040, 0.2542



0.5600, 0.2104, 0.2774

Inverse Universe

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



18.1741, 0.3490, 0.2252



27.4210, 0.3595, 0.2084



33.0873, 0.4116, 0.4272



8.6126, 0.3171, 0.3116



8.0763, 0.3880, 0.1911



0.2623, 0.3659, 0.1789

Previews

White Background



This preview shows how the Yxy color 29.5392, 0.2357, 0.2906 looks on a white background.

Color Contrast Check

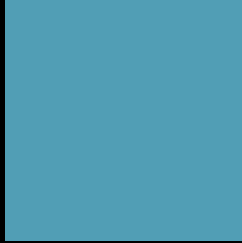
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5392, 0.2357, 0.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

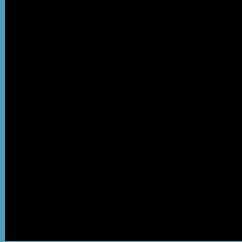
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

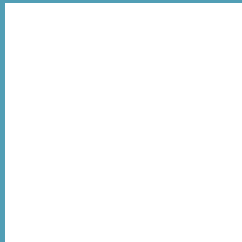
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.5392, 0.2357, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 29.5392, 0.2357, 0.2906.



This preview shows how white text looks on a background with the Yxy color 29.5392, 0.2357, 0.2906.

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

29.5392, 0.2357, 0.2906

Protanopia

29.3257, 0.2842, 0.2876

Deuteranopia

29.1580, 0.2749, 0.2691



Tritanopia

29.3945, 0.2398, 0.3066

Trichromacy



Original Color

29.5392, 0.2357, 0.2906

Protanomaly

28.9404, 0.2631, 0.2874

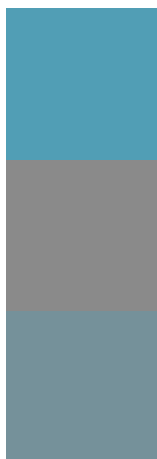
Deuteranomaly

28.9069, 0.2578, 0.2756

Tritanomaly

29.5537, 0.2385, 0.3017

Monochromacy



Original Color

29.5392, 0.2357, 0.2906

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.3658, 0.2770, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5392, 0.2357, 0.2906 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(81, 158, 181)` looks like.

```
.text, #text, p{  
    color:rgb(81, 158, 181)  
}
```

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(81, 158, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 158, 181) }
```

Border

The CSS property to change the border of an element to Yxy 29.5392, 0.2357, 0.2906 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(81, 158, 181) }
```

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

```
.border{ border-color:rgb(81, 158, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 158, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 158, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 158, 181);  
box-shadow:4px 4px 4px 4px rgb(81, 158,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5392, 0.2357, 0.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 158, 181) }
```

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

```
.background{ background-color: rgb(81, 158,  
181) }
```

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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