

Converting Colors

$Yxy(29.5411, 0.2341, 0.2889)$

Have a look what the booklet for
Yxy(29.5411, 0.2341, 0.2889)
contains.

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Color

Yxy(29.4934, 0.2341, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	4F9EB6
RGB	79, 158, 182
RGB Percent	31%, 62%, 71%
CMY	0.6900, 0.3804, 0.2862
CMYK	0.57, 0.13, 0.00, 0.29
HSL	194°, 41%, 51%
HSV	194°, 57%, 71%
XYZ	23.8989, 29.4934, 48.6963
YIQ	137.1150, -54.7880, -9.2840

Conversions

Conversions Part 2

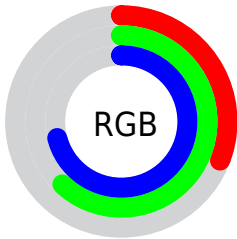
Format	Color
RYB	79, 124, 182
Decimal	5217974
CIELab	61.21, -17.24, -19.82
CIELCh	61, 26.265, 228.986
Yxy	29.4934, 0.2341, 0.2889
Android (android.graphics.Color)	4283408054 (0xFF4F9EB6)
YUV	137.1150, 22.1283, -50.9669
Hunter-Lab	54.3078, -16.4872, -15.1482

Details

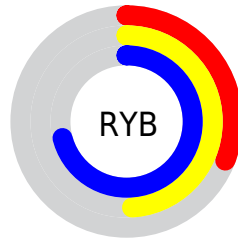
The Yxy color **29.4934, 0.2341, 0.2889** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2273, 0.4585, 0.3628**, and the grayscale version is **24.9978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9958, 0.2493, 0.2979**, and **12.1004, 0.2098, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **27.3937, 0.2240, 0.2805**, and if you desaturate by 10%, it is **31.8591, 0.2458, 0.2971**.

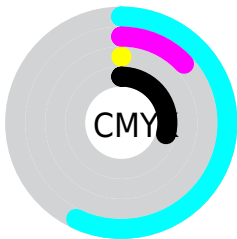
Distribution



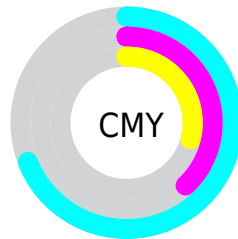
- Red (31%)
- Green (62%)
- Blue (71%)



- Red (31%)
- Yellow (49%)
- Blue (71%)



- Cyan (57%)
- Magenta (13%)
- Yellow (0%)
- Black (29%)




- Cyan (69%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4934, 0.2341, 0.2889 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 29.4934, 0.2341, 0.2889 by changing the saturation by 10% instead.


 29.4934, 0.2341,
0.2889


 29.4934, 0.2341,
0.2889


299.5359, 0.2751,
0.3112


 19.4544, 0.2234,
0.2826


 58.8601, 0.2494,
0.2976

 11.9991, 0.2095,
0.2739


 78.9566, 0.2550,
0.3007


 6.7430, 0.1907,
0.2616


 103.1743, 0.2597,
0.3032

 3.3019, 0.1641,
0.2429

 131.8977, 0.2637,
0.3053

 1.2913, 0.1245,
0.2118

 165.5112, 0.2671,
0.3071

 0.1345, 0.0000,
0.0753

204.3991, 0.2701,

 0.0000, 0.0000,

0.3087

0.0000

248.9459, 0.2728,
0.3100

■ 29.4934, 0.2341,
0.2889

■ 29.4934, 0.2341,
0.2889

■ 27.3937, 0.2240,
0.2805

■ 31.8591, 0.2458,
0.2971

■ 25.5383, 0.2157,
0.2719

■ 34.5038, 0.2589,
0.3048

■ 23.9069, 0.2093,
0.2633

■ 37.4435, 0.2729,
0.3122

■ 22.4710, 0.2047,
0.2549

■ 40.6918, 0.2876,
0.3190

■ 22.0035, 0.2033,
0.2519

■ 44.2616, 0.3027,
0.3252

■ 48.1647, 0.3179,
0.3309

■ 52.4124, 0.3330,
0.3360

■ 57.0154, 0.3478,
0.3405

■ 61.9839, 0.3621,
0.3445

Harmonies

Analogous

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



29.4934, 0.2457, 0.3262



29.4934, 0.2341, 0.2889



29.4934, 0.2415, 0.2660

Triad

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



29.4934, 0.2341, 0.2889



29.4934, 0.3491, 0.2936



29.4934, 0.3566, 0.4057

Complementary

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



29.4934, 0.2341, 0.2889



20.2273, 0.4585, 0.3628

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.



29.4934, 0.3876, 0.3899



29.4934, 0.2341, 0.2889



29.4934, 0.3840, 0.3255

Square

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



29.4934, 0.2341, 0.2889



29.4934, 0.3056, 0.2703



29.4934, 0.3982, 0.3601



29.4934, 0.3151, 0.3986

Rectangle

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



29.4934, 0.2341, 0.2889



29.4934, 0.2565, 0.2602



29.4934, 0.3982, 0.3601



29.4934, 0.3687, 0.4026

Sweetspot

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



29.4945, 0.2341, 0.2889



73.3177, 0.2866, 0.3185



36.0730, 0.2915, 0.4710



15.9256, 0.2836, 0.3172



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.



29.4945, 0.2341, 0.2889



48.7460, 0.2216, 0.2783



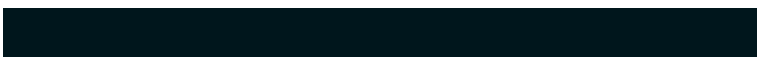
15.8155, 0.2152, 0.1995



9.8458, 0.2985, 0.3235



15.6412, 0.2036, 0.2529



0.6392, 0.2097, 0.2748

Inverse Universe

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



18.0150, 0.3506, 0.2235



27.3320, 0.3621, 0.2065



33.2429, 0.4141, 0.4292



9.1259, 0.3172, 0.3116



8.3613, 0.3893, 0.1918



0.3036, 0.3683, 0.1803

Previews

White Background



This preview shows how the Yxy color 29.4934, 0.2341, 0.2889 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 29.4934, 0.2341, 0.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

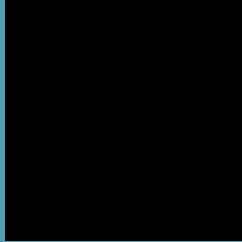
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4934, 0.2341, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 29.4934, 0.2341, 0.2889.

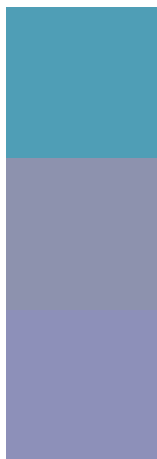


This preview shows how white text looks on a background with the Yxy color 29.4934, 0.2341, 0.2889.

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

29.4934, 0.2341, 0.2889

Protanopia

29.2765, 0.2824, 0.2860

Deuteranopia

29.1120, 0.2732, 0.2676



Tritanopia

29.6546, 0.2380, 0.3066

Trichromacy



Original Color

29.4934, 0.2341, 0.2889

Protanomaly

28.8386, 0.2607, 0.2857

Deuteranomaly

28.8071, 0.2555, 0.2739

Tritanomaly

29.4674, 0.2364, 0.3000

Monochromacy



Original Color

29.4934, 0.2341, 0.2889

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

26.2637, 0.2769, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4934, 0.2341, 0.2889 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(79, 158, 182)` looks like.

```
.text, #text, p{  
    color:rgb(79, 158, 182)  
}
```

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(79, 158, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 158, 182) }
```

Border

The CSS property to change the border of an element to Yxy 29.4934, 0.2341, 0.2889 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(79, 158, 182) }
```

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

```
.border{ border-color:rgb(79, 158, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 158, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 158, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 158, 182);  
box-shadow:4px 4px 4px 4px rgb(79, 158,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4934, 0.2341, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 158, 182) }
```

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

```
.background{ background-color: rgb(79, 158,  
182) }
```

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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