

Converting Colors

$Yxy(27.9637, 0.2324, 0.2861)$

Have a look what the booklet for
Yxy(27.9637, 0.2324, 0.2861)
contains.

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Color

Yxy(27.9024, 0.2327, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	4C9AB3
RGB	76, 154, 179
RGB Percent	30%, 60%, 70%
CMY	0.7022, 0.3960, 0.2979
CMYK	0.58, 0.14, 0.00, 0.30
HSL	195°, 40%, 50%
HSV	195°, 58%, 70%
XYZ	22.6707, 27.9024, 46.8515
YIQ	133.5280, -54.5130, -8.7610

Conversions

Conversions Part 2

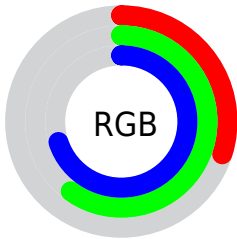
Format	Color
R_{YB}	76, 120, 179
Decimal	5020339
CIE _{Lab}	59.80, -16.64, -20.30
CIE _{LCh}	60, 26.250, 230.655
Yxy	27.9024, 0.2327, 0.2864
Android (android.graphics.Color)	4283210419 (0xFF4C9AB3)
YUV	133.5280, 22.4177, -50.4521
Hunter-Lab	52.8227, -15.8303, -15.6118

Details

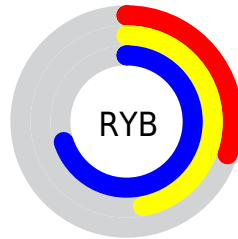
The Yxy color **27.9024, 0.2327, 0.2864** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.4060, 0.4611, 0.3646**, and the grayscale version is **23.5848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0965, 0.2482, 0.2948**, and **11.2069, 0.2088, 0.2715** is the 20% darker color. If you saturate the color by 10%, you get **25.8617, 0.2226, 0.2776**, and if you desaturate by 10%, it is **30.2010, 0.2444, 0.2949**.

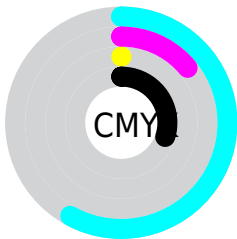
Distribution



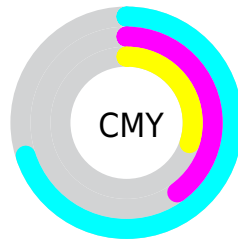
- Red (30%)
- Green (60%)
- Blue (70%)



- Red (30%)
- Yellow (47%)
- Blue (70%)



- Cyan (58%)
- Magenta (14%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9024, 0.2327, 0.2864 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 27.9024, 0.2327, 0.2864 by changing the saturation by 10% instead.

■ 27.9024, 0.2327,
0.2864

■ 27.9024, 0.2327,
0.2864

■ 292.0003, 0.2748,
0.3102

■ 18.2521, 0.2216,
0.2796

■ 56.3286, 0.2484,
0.2957

■ 11.1311, 0.2071,
0.2703

■ 75.8733, 0.2542,
0.2990

■ 6.1551, 0.1875,
0.2569

■ 99.4848, 0.2590,
0.3017

■ 2.9396, 0.1596,
0.2364

■ 127.5477, 0.2631,
0.3040

■ 1.1003, 0.1152,
0.2028

■ 160.4463, 0.2667,
0.3059

■ 0.0000, 0.0000,
0.0000

198.5650, 0.2697,

0.3076

242.2882, 0.2724,
0.3090

■ 27.9024, 0.2327,
0.2864

■ 27.9024, 0.2327,
0.2864

■ 25.8617, 0.2226,
0.2776

■ 30.2010, 0.2444,
0.2949

■ 24.0579, 0.2143,
0.2687

■ 32.7704, 0.2574,
0.3031

■ 22.4711, 0.2080,
0.2597

■ 35.6261, 0.2714,
0.3108

■ 21.0699, 0.2034,
0.2509

■ 38.7813, 0.2861,
0.3179

■ 20.7459, 0.2024,
0.2487

■ 42.2484, 0.3012,
0.3244

■ 46.0390, 0.3164,
0.3304

■ 50.1640, 0.3314,
0.3357

■ 54.6338, 0.3462,
0.3405

■ 59.4584, 0.3605,
0.3447

Harmonies

Analogous

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



27.9024, 0.2434, 0.3237



27.9024, 0.2327, 0.2864



27.9024, 0.2413, 0.2641

Triad

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



27.9024, 0.2327, 0.2864



27.9024, 0.3521, 0.2947



27.9024, 0.3552, 0.4073

Complementary

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



27.9024, 0.2327, 0.2864



19.4060, 0.4611, 0.3646

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.



27.9024, 0.3876, 0.3922



27.9024, 0.2327, 0.2864



27.9024, 0.3867, 0.3274

Square

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



27.9024, 0.2327, 0.2864



27.9024, 0.3079, 0.2704



27.9024, 0.3998, 0.3624



27.9024, 0.3127, 0.3988

Rectangle

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



27.9024, 0.2327, 0.2864



27.9024, 0.2572, 0.2589



27.9024, 0.3998, 0.3624



27.9024, 0.3677, 0.4046

Sweetspot

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



27.9034, 0.2327, 0.2864



69.6104, 0.2866, 0.3181



34.7041, 0.2903, 0.4707



15.1644, 0.2836, 0.3167



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.



27.9034, 0.2327, 0.2864



45.4301, 0.2203, 0.2753



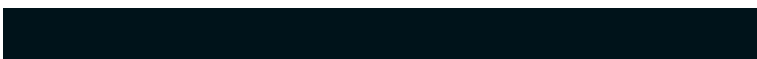
14.5752, 0.2128, 0.1938



9.2752, 0.2986, 0.3233



14.7609, 0.2027, 0.2498



0.5487, 0.2096, 0.2744

Inverse Universe

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



17.0802, 0.3529, 0.2232



25.6495, 0.3649, 0.2068



32.4134, 0.4145, 0.4327



8.6108, 0.3173, 0.3119



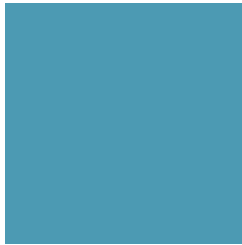
8.0302, 0.3925, 0.1936



0.2612, 0.3687, 0.1805

Previews

White Background



This preview shows how the Yxy color 27.9024, 0.2327, 0.2864 looks on a white background.

Color Contrast Check

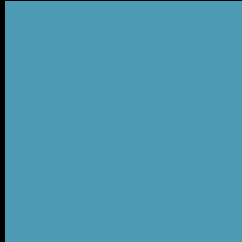
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9024, 0.2327, 0.2864 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 27.9024, 0.2327, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 27.9024, 0.2327, 0.2864.



This preview shows how white text looks on a background with the Yxy color 27.9024, 0.2327, 0.2864.

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

27.9024, 0.2327, 0.2864

Protanopia

27.6046, 0.2808, 0.2835

Deuteranopia

27.7455, 0.2716, 0.2664



Tritanopia

27.9818, 0.2379, 0.3078

Trichromacy



Original Color

27.9024, 0.2327, 0.2864

Protanomaly

27.2586, 0.2597, 0.2832

Deuteranomaly

27.5388, 0.2546, 0.2729

Tritanomaly

27.8377, 0.2356, 0.2993

Monochromacy



Original Color

27.9024, 0.2327, 0.2864

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.7625, 0.2762, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9024, 0.2327, 0.2864 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(76, 154, 179)` looks like.

```
.text, #text, p{  
  color:rgb(76, 154, 179)  
}
```

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(76, 154, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 154, 179) }
```

Border

The CSS property to change the border of an element to Yxy 27.9024, 0.2327, 0.2864 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(76, 154, 179) }
```

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

```
.border{ border-color:rgb(76, 154, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 154, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 154, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 154, 179);  
box-shadow:4px 4px 4px 4px rgb(76, 154,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9024, 0.2327, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 154, 179) }
```

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

```
.background{ background-color: rgb(76, 154,  
179) }
```

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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