

Converting Colors

$Y_{xy}(29.0598, 0.2370, 0.2916)$

Have a look what the booklet for
Yxy(29.0598, 0.2370, 0.2916)
contains.

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Color

$Y_{xy}(29.1625, 0.2371, 0.2920)$

Conversions

Conversions Part 1

Format	Color
Hex	529DB3
RGB	82, 157, 179
RGB Percent	32%, 62%, 70%
CMY	0.6780, 0.3844, 0.2980
CMYK	0.54, 0.12, 0.00, 0.30
HSL	194°, 39%, 51%
HSV	194°, 54%, 70%
XYZ	23.6796, 29.1625, 47.0295
YIQ	137.0830, -51.7620, -9.0580

Conversions

Conversions Part 2

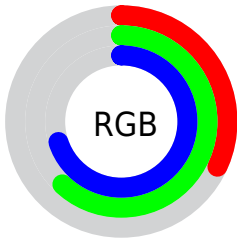
Format	Color
R_{YB}	82, 124, 179
Decimal	5414323
CIE _{Lab}	60.92, -16.96, -18.55
CIE _{LCh}	61, 25.134, 227.576
Yxy	29.1625, 0.2371, 0.2920
Android (android.graphics.Color)	4283604403 (0xFF529DB3)
YUV	137.0830, 20.6651, -48.3078
Hunter-Lab	54.0023, -16.2333, -13.8328

Details

The Yxy color **29.1625, 0.2371, 0.2920** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1177, 0.4498, 0.3608**, and the grayscale version is **24.9936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4884, 0.2516, 0.3002**, and **11.9000, 0.2136, 0.2797** is the 20% darker color. If you saturate the color by 10%, you get **27.1090, 0.2266, 0.2839**, and if you desaturate by 10%, it is **31.4734, 0.2491, 0.2998**.

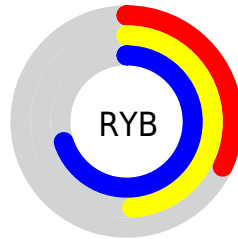
Distribution



Red (32%)

Green (62%)

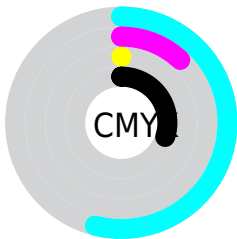
Blue (70%)



Red (32%)

Yellow (49%)

Blue (70%)

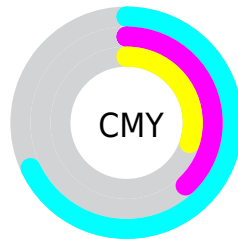


Cyan (54%)

Magenta (12%)

Yellow (0%)

Black (30%)



Cyan (68%)

Magenta (38%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.1625, 0.2371, 0.2920 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 29.1625, 0.2371, 0.2920 by changing the saturation by 10% instead.

■ 29.1625, 0.2371,
0.2920

■ 29.1625, 0.2371,
0.2920

■ 297.9809, 0.2767,
0.3127

■ 19.2038, 0.2267,
0.2861

■ 58.3352, 0.2519,
0.3001

■ 11.8176, 0.2132,
0.2780

■ 78.3179, 0.2573,
0.3029

■ 6.6196, 0.1947,
0.2664

■ 102.4108, 0.2618,
0.3053

■ 3.2254, 0.1685,
0.2486

■ 130.9982, 0.2657,
0.3072

■ 1.2505, 0.1286,
0.2186

■ 164.4645, 0.2690,
0.3089

■ 0.1024, 0.0000,
0.0647

■ 203.1941, 0.2719,

■ 0.0000, 0.0000,

0.3103

0.0000

247.5715, 0.2744,
0.3116

■ 29.1625, 0.2371,
0.2920

■ 29.1625, 0.2371,
0.2920

■ 27.1090, 0.2266,
0.2839

■ 31.4734, 0.2491,
0.2998

■ 25.2924, 0.2180,
0.2756

■ 34.0537, 0.2623,
0.3073

■ 23.6944, 0.2112,
0.2673

■ 36.9184, 0.2765,
0.3143

■ 22.2914, 0.2063,
0.2590

■ 40.0803, 0.2913,
0.3208

■ 21.5296, 0.2040,
0.2542

■ 43.5515, 0.3064,
0.3267

■ 47.3431, 0.3216,
0.3321

■ 51.4658, 0.3366,
0.3369

■ 55.9298, 0.3513,
0.3412

■ 60.7447, 0.3655,
0.3450

Harmonies

Analogous

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



29.1625, 0.2492, 0.3283



29.1625, 0.2371, 0.2920



29.1625, 0.2434, 0.2690

Triad

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



29.1625, 0.2371, 0.2920



29.1625, 0.3458, 0.2937



29.1625, 0.3567, 0.4023

Complementary

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



29.1625, 0.2371, 0.2920



20.1177, 0.4498, 0.3608

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.



29.1625, 0.3857, 0.3865



29.1625, 0.2371, 0.2920



29.1625, 0.3799, 0.3242

Square

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



29.1625, 0.2371, 0.2920



29.1625, 0.3040, 0.2717



29.1625, 0.3947, 0.3576



29.1625, 0.3171, 0.3965

Rectangle

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



29.1625, 0.2371, 0.2920



29.1625, 0.2574, 0.2629



29.1625, 0.3947, 0.3576



29.1625, 0.3681, 0.3991

Sweetspot

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



29.1636, 0.2371, 0.2920



70.5259, 0.2881, 0.3194



35.0207, 0.2921, 0.4636



15.3658, 0.2851, 0.3181



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.



29.1636, 0.2371, 0.2920



47.8789, 0.2248, 0.2823



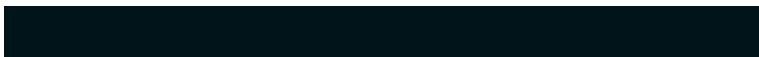
16.1091, 0.2196, 0.2062



9.2976, 0.2986, 0.3237



15.3145, 0.2042, 0.2552



0.5624, 0.2106, 0.2781

Inverse Universe

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



18.0675, 0.3476, 0.2267



27.1488, 0.3580, 0.2094



32.5042, 0.4093, 0.4254



8.6130, 0.3171, 0.3116



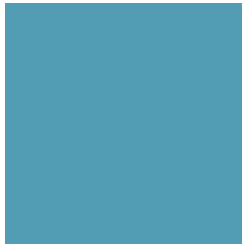
8.0861, 0.3871, 0.1906



0.2626, 0.3653, 0.1786

Previews

White Background



This preview shows how the Yxy color 29.1625, 0.2371, 0.2920 looks on a white background.

Color Contrast Check

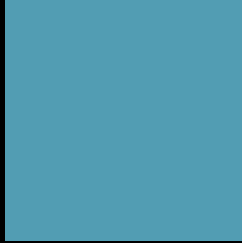
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1625, 0.2371, 0.2920 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 29.1625, 0.2371, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 29.1625, 0.2371, 0.2920.



This preview shows how white text looks on a background with the Yxy color 29.1625, 0.2371, 0.2920.

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

29.1625, 0.2371, 0.2920

Protanopia

28.8538, 0.2849, 0.2888

Deuteranopia

28.7731, 0.2764, 0.2703



Tritanopia

29.0563, 0.2405, 0.3065

Trichromacy



Original Color

29.1625, 0.2371, 0.2920

Protanomaly

28.5440, 0.2644, 0.2887

Deuteranomaly

28.5091, 0.2590, 0.2768

Tritanomaly

29.2152, 0.2393, 0.3016

Monochromacy



Original Color

29.1625, 0.2371, 0.2920

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.9954, 0.2786, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1625, 0.2371, 0.2920 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(82, 157, 179)` looks like.

```
.text, #text, p{  
    color:rgb(82, 157, 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(82, 157, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 157, 179) }
```

Border

The CSS property to change the border of an element to Yxy 29.1625, 0.2371, 0.2920 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(82, 157, 179) }
```

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

```
.border{ border-color:rgb(82, 157, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 157, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 157, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 157, 179);  
box-shadow:4px 4px 4px 4px rgb(82, 157,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1625, 0.2371, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 157, 179) }
```

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

```
.background{ background-color: rgb(82, 157,  
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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