

Converting Colors

$Yxy(28.9945, 0.2487, 0.3249)$

Have a look what the booklet for
Yxy(28.9945, 0.2487, 0.3249)
contains.

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Color

$\text{Yxy}(29.1633, 0.2489, 0.3253)$

Conversions

Conversions Part 1

Format	Color
Hex	529FA1
RGB	82, 159, 161
RGB Percent	32%, 62%, 63%
CMY	0.6782, 0.3765, 0.3686
CMYK	0.49, 0.01, 0.00, 0.37
HSL	182°, 32%, 48%
HSV	182°, 49%, 63%
XYZ	22.3140, 29.1633, 38.1732
YIQ	136.2050, -46.5340, -15.7020

Conversions

Conversions Part 2

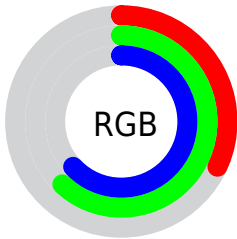
Format	Color
R_{YB}	82, 121, 161
Decimal	5414817
CIE _{Lab}	60.93, -23.13, -8.39
CIE _{LCh}	61, 24.603, 199.951
Yxy	29.1633, 0.2489, 0.3253
Android (android.graphics.Color)	4283604897 (0xFF529FA1)
YUV	136.2050, 12.2239, -47.5378
Hunter-Lab	54.0031, -20.7493, -4.1082

Details

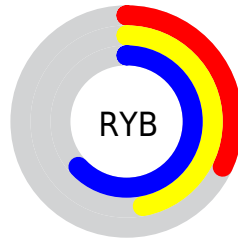
The Yxy color **29.1633, 0.2489, 0.3253** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.5371, 0.4438, 0.3326**, and the grayscale version is **24.6725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3694, 0.2614, 0.3263**, and **11.7796, 0.2272, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **28.3842, 0.2401, 0.3245**, and if you desaturate by 10%, it is **30.1145, 0.2594, 0.3261**.

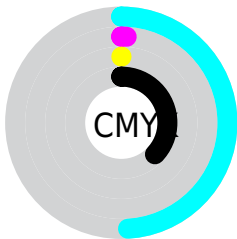
Distribution



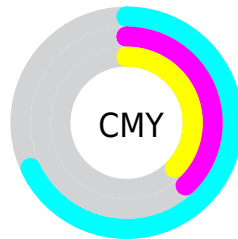
- Red (32%)
- Green (62%)
- Blue (63%)



- Red (32%)
- Yellow (47%)
- Blue (63%)



- Cyan (49%)
- Magenta (1%)
- Yellow (0%)
- Black (37%)





- Cyan (68%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1633, 0.2489, 0.3253 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 29.1633, 0.2489, 0.3253 by changing the saturation by 10% instead.


 29.1633, 0.2489,
0.3253


 29.1633, 0.2489,
0.3253


297.9847, 0.2827,
0.3280

 19.2044, 0.2399,
0.3243

 58.3364, 0.2616,
0.3265


 11.8181, 0.2279,
0.3227


 78.3195, 0.2663,
0.3269


 6.6199, 0.2113,
0.3201


 102.4126, 0.2701,
0.3272

 3.2256, 0.1871,
0.3152

 131.0004, 0.2734,
0.3274

 1.2506, 0.1435,
0.3067

 164.4670, 0.2762,
0.3276

 0.1025, 0.0000,
0.1279

203.1970, 0.2786,

 0.0000, 0.0000,

0.3278

0.0000

247.5748, 0.2808,
0.3279

■ 29.1633, 0.2489,
0.3253

■ 29.1633, 0.2489,
0.3253

■ 28.3842, 0.2401,
0.3245

■ 30.1145, 0.2594,
0.3261

■ 27.7618, 0.2331,
0.3236

■ 31.2453, 0.2715,
0.3269

■ 27.2836, 0.2280,
0.3228


■ 32.5668, 0.2848,
0.3277

■ 26.9338, 0.2247,
0.3220

■ 34.0881, 0.2991,
0.3284

■ 26.6798, 0.2227,
0.3211

■ 35.8179, 0.3142,
0.3291

 26.6565, 0.2225,
0.3211

 37.7644, 0.3297,
0.3297

 39.9352, 0.3454,
0.3302

 42.3377, 0.3611,
0.3307

 44.9787, 0.3765,
0.3312

Harmonies

Analogous

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



29.1633, 0.2759, 0.3645



29.1633, 0.2489, 0.3253



29.1633, 0.2384, 0.2905

Triad

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



29.1633, 0.2489, 0.3253



29.1633, 0.3074, 0.2741



29.1633, 0.3825, 0.3872

Complementary

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



29.1633, 0.2489, 0.3253



14.5371, 0.4438, 0.3326

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.



29.1633, 0.3931, 0.3596



29.1633, 0.2489, 0.3253



29.1633, 0.3482, 0.2965

Square

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



29.1633, 0.2489, 0.3253



29.1633, 0.2705, 0.2640



29.1633, 0.3804, 0.3270



29.1633, 0.3530, 0.4011

Rectangle

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



29.1633, 0.2489, 0.3253



29.1633, 0.2415, 0.2745



29.1633, 0.3804, 0.3270



29.1633, 0.3885, 0.3791

Sweetspot

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



29.1644, 0.2489, 0.3253



59.3012, 0.2901, 0.3280



27.9178, 0.3047, 0.4778



12.8913, 0.2873, 0.3278



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.1644, 0.2489, 0.3253



50.6980, 0.2393, 0.3244



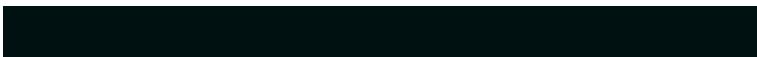
17.8531, 0.2353, 0.2522



7.9802, 0.2988, 0.3284



21.2977, 0.2225, 0.3211



0.4565, 0.2234, 0.3241

Inverse Universe

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



16.1226, 0.3208, 0.2157



24.6369, 0.3226, 0.1949



22.3145, 0.4109, 0.3937



7.1991, 0.3141, 0.3074



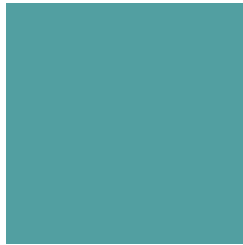
7.9941, 0.3272, 0.1576



0.1689, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 29.1633, 0.2489, 0.3253 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 29.1633, 0.2489, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

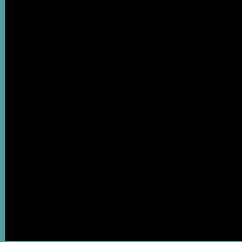
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1633, 0.2489, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 29.1633, 0.2489, 0.3253.

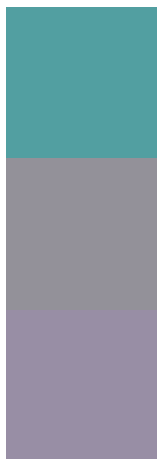


This preview shows how white text looks on a background with the Yxy color 29.1633, 0.2489, 0.3253.

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

29.1633, 0.2489, 0.3253

Protanopia

28.7537, 0.3071, 0.3164

Deuteranopia

28.7380, 0.3009, 0.2940



Tritanopia

29.2873, 0.2446, 0.3084

Trichromacy



Original Color

29.1633, 0.2489, 0.3253

Protanomaly

28.4239, 0.2814, 0.3190

Deuteranomaly

28.3722, 0.2781, 0.3030

Tritanomaly

29.1286, 0.2459, 0.3133

Monochromacy



Original Color

29.1633, 0.2489, 0.3253

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.7039, 0.2837, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1633, 0.2489, 0.3253 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, 159, 161)` looks like.

```
.text, #text, p{  
    color:rgb(82, 159, 161)  
}
```

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, 159, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 159, 161) }
```

Border

The CSS property to change the border of an element to Yxy 29.1633, 0.2489, 0.3253 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, 159, 161) }
```

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

```
.border{ border-color:rgb(82, 159, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 159, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 159, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 159, 161);  
box-shadow:4px 4px 4px 4px rgb(82, 159,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1633, 0.2489, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 159, 161) }
```

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

```
.background{ background-color: rgb(82, 159,  
161) }
```

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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