

Converting Colors

$Y_{xy}(28.5410, 0.2505, 0.3391)$

Have a look what the booklet for
Yxy(28.5410, 0.2505, 0.3391)
contains.

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Color

$Y_{xy}(28.6327, 0.2506, 0.3396)$

Conversions

Conversions Part 1

Format	Color
Hex	4C9F99
RGB	76, 159, 153
RGB Percent	30%, 62%, 60%
CMY	0.7019, 0.3765, 0.4000
CMYK	0.52, 0.00, 0.04, 0.38
HSL	176°, 35%, 46%
HSV	176°, 52%, 62%
XYZ	21.1288, 28.6327, 34.5515
YIQ	133.4990, -47.5420, -19.4620

Conversions

Conversions Part 2

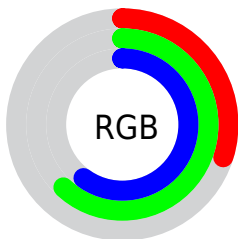
Format	Color
R_YB	76, 119, 159
Decimal	5021593
CIE _{Lab}	60.46, -26.66, -4.60
CIE _{LCh}	60, 27.057, 189.778
Yxy	28.6327, 0.2506, 0.3396
Android (android.graphics.Color)	4283211673 (0xFF4C9F99)
YUV	133.4990, 9.6140, -50.4266
Hunter-Lab	53.5095, -23.1589, -0.8273

Details

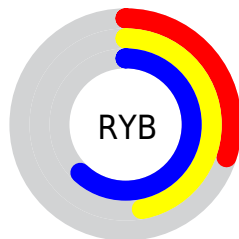
The Yxy color **28.6327, 0.2506, 0.3396** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.1503, 0.4478, 0.3199**, and the grayscale version is **23.6254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5037, 0.2635, 0.3381**, and **11.5070, 0.2296, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **28.0232, 0.2431, 0.3420**, and if you desaturate by 10%, it is **29.4057, 0.2598, 0.3373**.

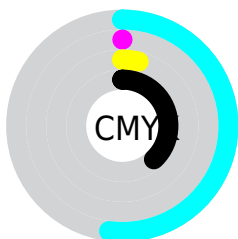
Distribution



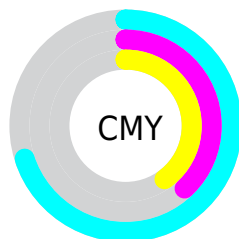
- Red (30%)
- Green (62%)
- Blue (60%)



- Red (30%)
- Yellow (47%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)




- Cyan (70%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6327, 0.2506, 0.3396 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 28.6327, 0.2506, 0.3396 by changing the saturation by 10% instead.


 28.6327, 0.2506,
0.3396


 28.6327, 0.2506,
0.3396


295.4780, 0.2837,
0.3344


 18.8031, 0.2416,
0.3408


 57.4930, 0.2631,
0.3378


 11.5281, 0.2297,
0.3423


 77.2925, 0.2677,
0.3371


 6.4232, 0.2130,
0.3441

 101.1842, 0.2715,
0.3364

 3.1041, 0.1883,
0.3461

 129.5523, 0.2747,
0.3359

 1.1863, 0.1338,
0.3532

 162.7814, 0.2774,
0.3355

 0.0505, 0.0000,
0.1183

201.2558, 0.2798,

 0.0000, 0.0000,

0.3351

0.0000

245.3598, 0.2819,
0.3347

■ 28.6327, 0.2506,
0.3396

■ 28.6327, 0.2506,
0.3396

■ 28.0232, 0.2431,
0.3420

■ 29.4057, 0.2598,
0.3373

■ 27.5619, 0.2375,
0.3443

■ 30.3498, 0.2705,
0.3351

■ 27.2360, 0.2337,
0.3467

■ 31.4759, 0.2826,
0.3331

■ 27.0292, 0.2316,
0.3491

■ 32.7933, 0.2957,
0.3311

■ 26.9197, 0.2308,
0.3510

■ 34.3104, 0.3096,
0.3294

■ 36.0353, 0.3240,
0.3278

■ 37.9756, 0.3386,
0.3263

■ 40.1384, 0.3533,
0.3250

■ 42.5307, 0.3678,
0.3239

Harmonies

Analogous

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



28.6327, 0.2852, 0.3816



28.6327, 0.2506, 0.3396



28.6327, 0.2328, 0.2978

Triad

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



28.6327, 0.2506, 0.3396



28.6327, 0.2918, 0.2633



28.6327, 0.3965, 0.3836

Complementary

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



28.6327, 0.2506, 0.3396



13.1503, 0.4478, 0.3199

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.



28.6327, 0.3999, 0.3502



28.6327, 0.2506, 0.3396



28.6327, 0.3369, 0.2837

Square

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



28.6327, 0.2506, 0.3396



28.6327, 0.2552, 0.2575



28.6327, 0.3776, 0.3145



28.6327, 0.3698, 0.4058

Rectangle

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



28.6327, 0.2506, 0.3396



28.6327, 0.2317, 0.2767



28.6327, 0.3776, 0.3145



28.6327, 0.4006, 0.3732

Sweetspot

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



28.6338, 0.2506, 0.3396



57.7169, 0.2902, 0.3319



27.1544, 0.3106, 0.4885



12.9099, 0.2877, 0.3323



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.



28.6338, 0.2506, 0.3396



49.9997, 0.2418, 0.3424



18.5611, 0.2338, 0.2630



7.5012, 0.2997, 0.3306



21.2641, 0.2308, 0.3508



0.3824, 0.2281, 0.3412

Inverse Universe

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



13.1503, 0.4478, 0.3199



19.0972, 0.4993, 0.3190



19.1723, 0.4263, 0.3847



6.6535, 0.3273, 0.3274



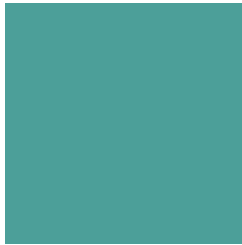
5.8444, 0.6298, 0.3243



0.1065, 0.5845, 0.2993

Previews

White Background



This preview shows how the Yxy color 28.6327, 0.2506, 0.3396 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 28.6327, 0.2506, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

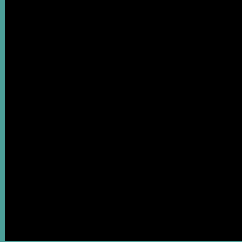
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6327, 0.2506, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 28.6327, 0.2506, 0.3396.



This preview shows how white text looks on a background with the Yxy color 28.6327, 0.2506, 0.3396.

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

28.6327, 0.2506, 0.3396

Protanopia

28.2560, 0.3170, 0.3290

Deuteranopia

28.3541, 0.3107, 0.3044



Tritanopia

28.7724, 0.2431, 0.3082

Trichromacy



Original Color

28.6327, 0.2506, 0.3396

Protanomaly

27.7391, 0.2880, 0.3323

Deuteranomaly

28.0157, 0.2839, 0.3157

Tritanomaly

28.8035, 0.2461, 0.3201

Monochromacy



Original Color

28.6327, 0.2506, 0.3396

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

25.0787, 0.2842, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6327, 0.2506, 0.3396 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, 159, 153)` looks like.

```
.text, #text, p{  
    color:rgb(76, 159, 153)  
}
```

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, 159, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 159, 153) }
```

Border

The CSS property to change the border of an element to Yxy 28.6327, 0.2506, 0.3396 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, 159, 153) }
```

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

```
.border{ border-color:rgb(76, 159, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 159, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 159, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 159, 153);  
box-shadow:4px 4px 4px 4px rgb(76, 159,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6327, 0.2506, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 159, 153) }
```

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

```
.background{ background-color: rgb(76, 159,  
153) }
```

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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