

Converting Colors

$Y_{xy}(28.3565, 0.2591, 0.3287)$

Have a look what the booklet for
Yxy(28.3565, 0.2591, 0.3287)
contains.

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Color

$Y_{xy}(28.2227, 0.2589, 0.3271)$

Conversions

Conversions Part 1

Format	Color
Hex	5E9B9C
RGB	94, 155, 156
RGB Percent	37%, 61%, 61%
CMY	0.6313, 0.3921, 0.3882
CMYK	0.40, 0.01, 0.00, 0.39
HSL	181°, 25%, 49%
HSV	181°, 40%, 61%
XYZ	22.3383, 28.2227, 35.7206
YIQ	136.8750, -36.6770, -12.6210

Conversions

Conversions Part 2

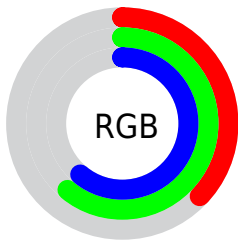
Format	Color
R_{YB}	94, 125, 156
Decimal	6200220
CIE _{Lab}	60.09, -19.41, -6.75
CIE _{LCh}	60, 20.551, 199.172
Y _{xy}	28.2227, 0.2589, 0.3271
Android (android.graphics.Color)	4284390300 (0xFF5E9B9C)
YUV	136.8750, 9.4286, -37.6014
Hunter-Lab	53.1250, -17.9122, -2.6783

Details

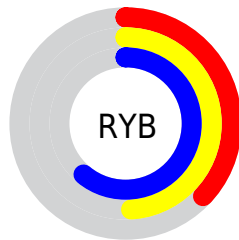
The Yxy color **28.2227, 0.2589, 0.3271** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.0606, 0.4085, 0.3309**, and the grayscale version is **24.9418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0422, 0.2704, 0.3289**, and **11.3920, 0.2409, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **27.3975, 0.2486, 0.3266**, and if you desaturate by 10%, it is **29.2169, 0.2708, 0.3276**.

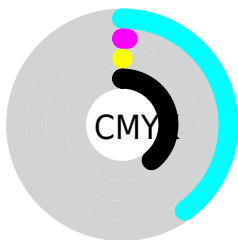
Distribution



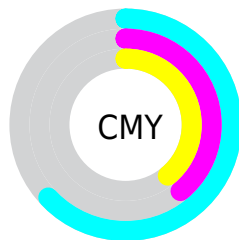
- Red (37%)
- Green (61%)
- Blue (61%)



- Red (37%)
- Yellow (49%)
- Blue (61%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)




- Cyan (63%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2227, 0.2589, 0.3271 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 28.2227, 0.2589, 0.3271 by changing the saturation by 10% instead.


 28.2227, 0.2589,
0.3271


 28.2227, 0.2589,
0.3271


293.5295, 0.2876,
0.3286


 18.4936, 0.2511,
0.3265


 56.8398, 0.2698,
0.3278


 11.3049, 0.2407,
0.3255


 76.4966, 0.2738,
0.3280

 6.2723, 0.2261,
0.3238


 100.2314, 0.2770,
0.3282

 3.0114, 0.2042,
0.3205

 128.4286, 0.2798,
0.3283

 1.1377, 0.1628,
0.3152

161.4726, 0.2822,
0.3284

 0.0099, 0.0000,
0.0201

199.7479, 0.2843,

 0.0000, 0.0000,

0.3285

0.0000

243.6387, 0.2860,
0.3286

■ 28.2227, 0.2589,
0.3271

■ 28.2227, 0.2589,
0.3271

■ 27.3975, 0.2486,
0.3266

■ 29.2169, 0.2708,
0.3276

■ 26.7280, 0.2400,
0.3260

■ 30.3862, 0.2839,
0.3281

■ 26.2040, 0.2333,
0.3255

■ 31.7401, 0.2981,
0.3286

■ 25.8129, 0.2284,
0.3250

■ 33.2867, 0.3131,
0.3290

■ 25.5398, 0.2252,
0.3245

■ 35.0335, 0.3286,
0.3294

■ 25.3499, 0.2234,
0.3240

■ 36.9877, 0.3443,
0.3298

■ 25.3451, 0.2233,
0.3239

■ 39.1561, 0.3600,
0.3301

■ 41.5452, 0.3755,
0.3304

■ 44.1610, 0.3906,
0.3307

Harmonies

Analogous

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



28.2227, 0.2825, 0.3596



28.2227, 0.2589, 0.3271



28.2227, 0.2494, 0.2974

Triad

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



28.2227, 0.2589, 0.3271



28.2227, 0.3076, 0.2816



28.2227, 0.3723, 0.3782

Complementary

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



28.2227, 0.2589, 0.3271



16.0606, 0.4085, 0.3309

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.



28.2227, 0.3805, 0.3549



28.2227, 0.2589, 0.3271



28.2227, 0.3420, 0.3008

Square

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



28.2227, 0.2589, 0.3271



28.2227, 0.2762, 0.2734



28.2227, 0.3692, 0.3269



28.2227, 0.3479, 0.3896

Rectangle

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



28.2227, 0.2589, 0.3271



28.2227, 0.2517, 0.2834



28.2227, 0.3692, 0.3269



28.2227, 0.3771, 0.3714

Sweetspot

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



28.2238, 0.2589, 0.3271



57.0048, 0.2945, 0.3285



26.9641, 0.3072, 0.4471



12.4782, 0.2928, 0.3284



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.2238, 0.2589, 0.3271



49.8718, 0.2494, 0.3266



19.4481, 0.2505, 0.2714



7.4912, 0.2988, 0.3286



20.8828, 0.2233, 0.3240



0.3785, 0.2239, 0.3260

Inverse Universe

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



17.4411, 0.3184, 0.2350



27.4466, 0.3198, 0.2152



22.5437, 0.3887, 0.3799



6.7527, 0.3140, 0.3073



7.7303, 0.3249, 0.1563



0.1387, 0.3232, 0.1554

Previews

White Background



This preview shows how the Yxy color 28.2227, 0.2589, 0.3271 looks on a white background.

Color Contrast Check

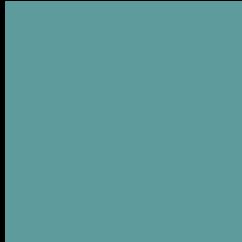
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2227, 0.2589, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

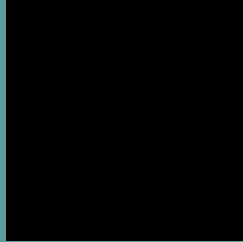
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2227, 0.2589, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 28.2227, 0.2589, 0.3271.

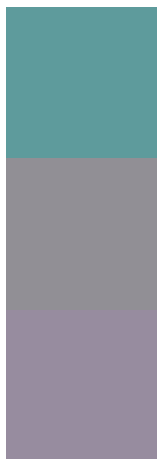


This preview shows how white text looks on a background with the Yxy color 28.2227, 0.2589, 0.3271.

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

28.2227, 0.2589, 0.3271

Protanopia

27.8346, 0.3090, 0.3194

Deuteranopia

27.8387, 0.3056, 0.2996



Tritanopia

28.0770, 0.2534, 0.3067

Trichromacy



Original Color

28.2227, 0.2589, 0.3271

Protanomaly

27.5701, 0.2873, 0.3206

Deuteranomaly

27.4652, 0.2857, 0.3077

Tritanomaly

28.2066, 0.2558, 0.3151

Monochromacy



Original Color

28.2227, 0.2589, 0.3271

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

26.0251, 0.2893, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2227, 0.2589, 0.3271 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(94, 155, 156)` looks like.

```
.text, #text, p{  
    color:rgb(94, 155, 156)  
}
```

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(94, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 155, 156) }
```

Border

The CSS property to change the border of an element to Yxy 28.2227, 0.2589, 0.3271 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(94, 155, 156) }
```

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

```
.border{ border-color:rgb(94, 155, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 155, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(94, 155,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2227, 0.2589, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 155, 156) }
```

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

```
.background{ background-color: rgb(94, 155,  
156) }
```

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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