

Converting Colors

$Y_{xy}(28.2050, 0.2729, 0.3323)$

Have a look what the booklet for
Yxy(28.2050, 0.2729, 0.3323)
contains.

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Color

$Y_{xy}(28.2050, 0.2729, 0.3323)$

Conversions

Conversions Part 1

Format	Color
Hex	6C9997
RGB	108, 153, 151
RGB Percent	42%, 60%, 59%
CMY	0.5764, 0.4000, 0.4078
CMYK	0.29, 0.00, 0.01, 0.40
HSL	177°, 18%, 51%
HSV	177°, 29%, 60%
XYZ	23.1632, 28.2050, 33.5099
YIQ	139.3170, -26.1780, -10.1620

Conversions

Conversions Part 2

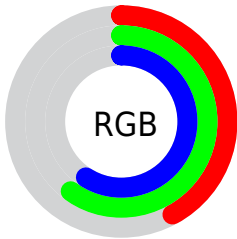
Format	Color
RYB	108, 131, 153
Decimal	7117207
CIELab	60.07, -15.59, -3.87
CIElCh	60, 16.063, 193.941
Yxy	28.2050, 0.2729, 0.3323
Android (android.graphics.Color)	4285307287 (0xFF6C9997)
YUV	139.3170, 5.7597, -27.4650
Hunter-Lab	53.1084, -15.0868, -0.2344

Details

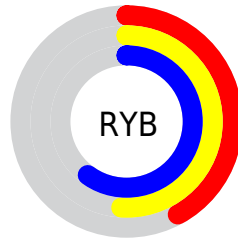
The Yxy color $28.2050, 0.2729, 0.3323$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.6244, 0.3729, 0.3258$, and the grayscale version is $25.9336, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6105, 0.2812, 0.3315$, and $11.3224, 0.2595, 0.3340$ is the 20% darker color. If you saturate the color by 10%, you get $27.3076, 0.2615, 0.3336$, and if you desaturate by 10%, it is $29.2731, 0.2855, 0.3311$.

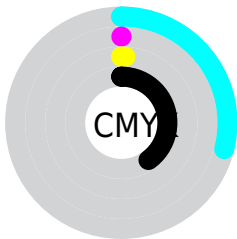
Distribution



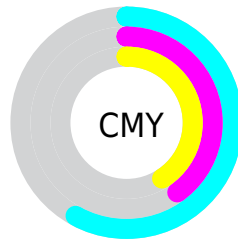
- Red (42%)
- Green (60%)
- Blue (59%)



- Red (42%)
- Yellow (51%)
- Blue (60%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)





- Cyan (58%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2050, 0.2729, 0.3323 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 28.2050, 0.2729, 0.3323 by changing the saturation by 10% instead.


 28.2050, 0.2729,
0.3323


 28.2050, 0.2729,
0.3323


293.4452, 0.2943,
0.3308


 18.4802, 0.2670,
0.3326

 56.8116, 0.2811,
0.3318

 11.2953, 0.2591,
0.3330


 76.4622, 0.2840,
0.3316

 6.2658, 0.2479,
0.3334


 100.1902, 0.2864,
0.3314

 3.0074, 0.2310,
0.3336

 128.3800, 0.2885,
0.3312

 1.1356, 0.1999,
0.3341

161.4160, 0.2903,
0.3311

 0.0081, 0.0000,
0.0283

199.6826, 0.2918,

 0.0000, 0.0000,

0.3310

0.0000

243.5642, 0.2931,
0.3309

■ 28.2050, 0.2729,
0.3323

■ 28.2050, 0.2729,
0.3323

■ 27.3076, 0.2615,
0.3336

■ 29.2731, 0.2855,
0.3311

■ 26.5688, 0.2517,
0.3349

■ 30.5167, 0.2992,
0.3300

■ 25.9801, 0.2435,
0.3363

■ 31.9446, 0.3136,
0.3289

■ 25.5308, 0.2371,
0.3377

■ 33.5640, 0.3284,
0.3280

■ 25.2090, 0.2326,
0.3392

■ 35.3816, 0.3435,
0.3272

■ 25.0005, 0.2299,
0.3406

■ 37.4039, 0.3585,
0.3265

■ 24.8733, 0.2284,
0.3420

■ 39.6370, 0.3734,
0.3258

■ 24.8662, 0.2284,
0.3421

■ 42.0870, 0.3879,
0.3253

■ 44.7594, 0.4019,
0.3248

Harmonies

Analogous

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



28.2050, 0.2933, 0.3566



28.2050, 0.2729, 0.3323



28.2050, 0.2631, 0.3083

Triad

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



28.2050, 0.2729, 0.3323



28.2050, 0.3042, 0.2895



28.2050, 0.3615, 0.3653

Complementary

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



28.2050, 0.2729, 0.3323



18.6244, 0.3729, 0.3258

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.



28.2050, 0.3651, 0.3462



28.2050, 0.2729, 0.3323



28.2050, 0.3312, 0.3035

Square

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



28.2050, 0.2729, 0.3323



28.2050, 0.2805, 0.2849



28.2050, 0.3538, 0.3238



28.2050, 0.3445, 0.3756

Rectangle

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



28.2050, 0.2729, 0.3323



28.2050, 0.2635, 0.2959



28.2050, 0.3538, 0.3238



28.2050, 0.3644, 0.3596

Sweetspot

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



28.2061, 0.2729, 0.3323



54.7069, 0.2995, 0.3299



27.1968, 0.3110, 0.4114



12.0092, 0.2976, 0.3301



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.2061, 0.2729, 0.3323



49.4685, 0.2656, 0.3331



22.1961, 0.2675, 0.2927



7.0219, 0.2995, 0.3300



20.5528, 0.2283, 0.3420



0.3085, 0.2266, 0.3356

Inverse Universe

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



18.6244, 0.3729, 0.3258



29.5796, 0.3914, 0.3252



23.3598, 0.3663, 0.3627



6.2269, 0.3277, 0.3281



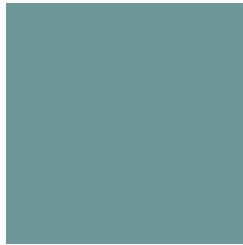
5.6107, 0.6337, 0.3264



0.0849, 0.6035, 0.3098

Previews

White Background



This preview shows how the Yxy color 28.2050, 0.2729, 0.3323 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 28.2050, 0.2729, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

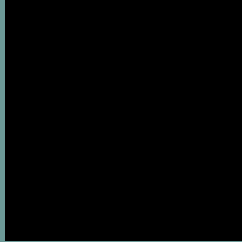
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2050, 0.2729, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 28.2050, 0.2729, 0.3323.

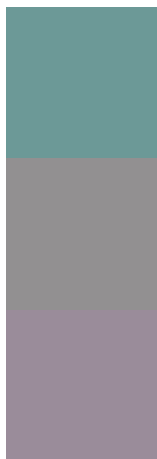


This preview shows how white text looks on a background with the Yxy color 28.2050, 0.2729, 0.3323.

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

28.2050, 0.2729, 0.3323

Protanopia

28.1018, 0.3138, 0.3274

Deuteranopia

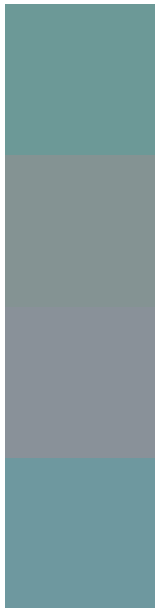
27.9593, 0.3137, 0.3074



Tritanopia

28.1571, 0.2657, 0.3087

Trichromacy



Original Color

28.2050, 0.2729, 0.3323

Protanomaly

27.8796, 0.2975, 0.3290

Deuteranomaly

27.8691, 0.2970, 0.3160

Tritanomaly

28.2747, 0.2682, 0.3170

Monochromacy



Original Color

28.2050, 0.2729, 0.3323

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.5189, 0.2972, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2050, 0.2729, 0.3323 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(108, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(108, 153, 151)  
}
```

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(108, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 153, 151) }
```

Border

The CSS property to change the border of an element to Yxy 28.2050, 0.2729, 0.3323 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(108, 153, 151) }
```

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

```
.border{ border-color:rgb(108, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(108, 153,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2050, 0.2729, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 153, 151) }
```

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

```
.background{ background-color: rgb(108,  
153, 151) }
```

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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