

Converting Colors

$Y_{xy}(29.1358, 0.2646, 0.3376)$

Have a look what the booklet for
Yxy(29.1358, 0.2646, 0.3376)
contains.

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Color

$Y_{xy}(28.9776, 0.2652, 0.3376)$

Conversions

Conversions Part 1

Format	Color
Hex	629D98
RGB	98, 157, 152
RGB Percent	38%, 62%, 60%
CMY	0.6155, 0.3843, 0.4040
CMYK	0.38, 0.00, 0.03, 0.38
HSL	175°, 23%, 50%
HSV	175°, 38%, 62%
XYZ	22.7632, 28.9776, 34.0933
YIQ	138.7890, -33.5590, -14.0630

Conversions

Conversions Part 2

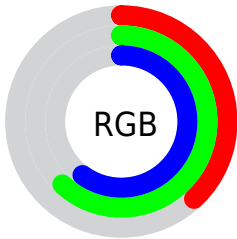
Format	Color
R _Y B	98, 129, 157
Decimal	6462872
CIE Lab	60.76, -20.37, -3.46
CIE LCh	61, 20.657, 189.649
Yxy	28.9776, 0.2652, 0.3376
Android (android.graphics.Color)	4284652952 (0xFF629D98)
YUV	138.7890, 6.5130, -35.7720
Hunter-Lab	53.8308, -18.7225, 0.1308

Details

The Yxy color **28.9776, 0.2652, 0.3376** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8902, 0.3938, 0.3209**, and the grayscale version is **25.7206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1225, 0.2748, 0.3366**, and **11.6236, 0.2489, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **28.1456, 0.2554, 0.3403**, and if you desaturate by 10%, it is **29.9838, 0.2765, 0.3351**.

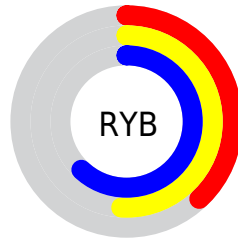
Distribution



Red (38%)

Green (62%)

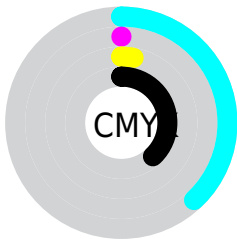
Blue (60%)



Red (38%)

Yellow (51%)

Blue (62%)

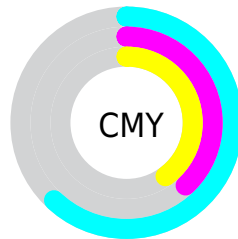


Cyan (38%)

Magenta (0%)

Yellow (3%)

Black (38%)



Cyan (62%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9776, 0.2652, 0.3376 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 28.9776, 0.2652, 0.3376 by changing the saturation by 10% instead.


 28.9776, 0.2652,
0.3376


 28.9776, 0.2652,
0.3376


297.1093, 0.2906,
0.3333


 19.0639, 0.2583,
0.3387


 58.0415, 0.2748,
0.3360

 11.7164, 0.2490,
0.3400


 77.9605, 0.2783,
0.3354

 6.5509, 0.2360,
0.3418


 101.9833, 0.2812,
0.3349

 3.1829, 0.2165,
0.3441

 130.4944, 0.2837,
0.3345

 1.2279, 0.1802,
0.3484

163.8781, 0.2858,
0.3341

 0.0843, 0.0000,
0.2017

202.5189, 0.2876,

 0.0000, 0.0000,

0.3338

0.0000

246.8012, 0.2892,
0.3335

■ 28.9776, 0.2652,
0.3376

■ 28.9776, 0.2652,
0.3376

■ 28.1456, 0.2554,
0.3403

■ 29.9838, 0.2765,
0.3351

■ 27.4741, 0.2472,
0.3430

■ 31.1698, 0.2889,
0.3327

■ 26.9533, 0.2407,
0.3458

■ 32.5455, 0.3022,
0.3305

■ 26.5706, 0.2362,
0.3487

■ 34.1189, 0.3162,
0.3285

■ 26.3115, 0.2334,
0.3515

■ 35.8975, 0.3305,
0.3267

■ 26.1513, 0.2322,
0.3543

■ 37.8885, 0.3449,
0.3251

■ 26.1166, 0.2319,
0.3550

■ 40.0987, 0.3593,
0.3237

■ 42.5347, 0.3735,
0.3225

■ 45.2027, 0.3873,
0.3214

Harmonies

Analogous

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



28.9776, 0.2922, 0.3684



28.9776, 0.2652, 0.3376



28.9776, 0.2509, 0.3060

Triad

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



28.9776, 0.2652, 0.3376



28.9776, 0.2969, 0.2778



28.9776, 0.3767, 0.3716

Complementary

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



28.9776, 0.2652, 0.3376



16.8902, 0.3938, 0.3209

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.



28.9776, 0.3788, 0.3461



28.9776, 0.2652, 0.3376



28.9776, 0.3313, 0.2938

Square

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



28.9776, 0.2652, 0.3376



28.9776, 0.2684, 0.2737



28.9776, 0.3618, 0.3182



28.9776, 0.3569, 0.3875

Rectangle

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



28.9776, 0.2652, 0.3376



28.9776, 0.2499, 0.2895



28.9776, 0.3618, 0.3182



28.9776, 0.3796, 0.3638

Sweetspot

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



28.9788, 0.2652, 0.3376



57.3460, 0.2973, 0.3313



27.9350, 0.3129, 0.4378



12.5508, 0.2956, 0.3316



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.



28.9788, 0.2652, 0.3376



50.6381, 0.2569, 0.3398



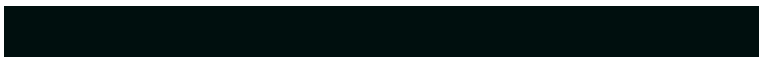
21.9214, 0.2555, 0.2862



7.4998, 0.2999, 0.3309



21.2145, 0.2319, 0.3548



0.3819, 0.2287, 0.3434

Inverse Universe

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



16.8902, 0.3938, 0.3209



25.8260, 0.4217, 0.3193



21.8766, 0.3871, 0.3678



6.6548, 0.3271, 0.3271



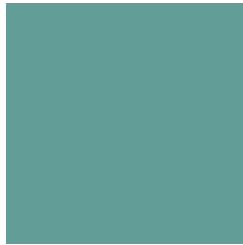
5.8487, 0.6279, 0.3233



0.1069, 0.5760, 0.2946

Previews

White Background



This preview shows how the Yxy color 28.9776, 0.2652, 0.3376 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 28.9776, 0.2652, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

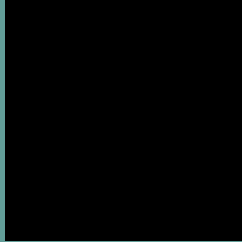
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9776, 0.2652, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 28.9776, 0.2652, 0.3376.

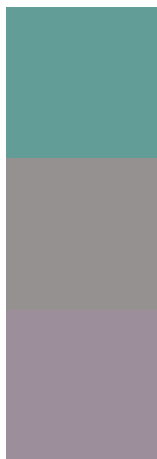


This preview shows how white text looks on a background with the Yxy color 28.9776, 0.2652, 0.3376.

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

28.9776, 0.2652, 0.3376

Protanopia

28.6847, 0.3169, 0.3290

Deuteranopia

28.7805, 0.3147, 0.3091



Tritanopia

29.0575, 0.2568, 0.3087

Trichromacy



Original Color

28.9776, 0.2652, 0.3376

Protanomaly

28.3788, 0.2947, 0.3306

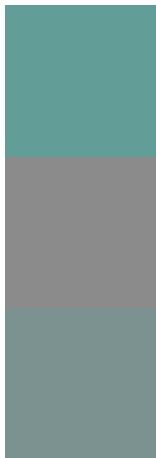
Deuteranomaly

28.3514, 0.2941, 0.3176

Tritanomaly

29.1523, 0.2599, 0.3187

Monochromacy



Original Color

28.9776, 0.2652, 0.3376

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.8565, 0.2924, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9776, 0.2652, 0.3376 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(98, 157, 152)` looks like.

```
.text, #text, p{  
    color:rgb(98, 157, 152)  
}
```

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(98, 157, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 157, 152) }
```

Border

The CSS property to change the border of an element to Yxy 28.9776, 0.2652, 0.3376 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(98, 157, 152) }
```

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

```
.border{ border-color:rgb(98, 157, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 157, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 157, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 157, 152);  
box-shadow:4px 4px 4px 4px rgb(98, 157,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9776, 0.2652, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 157, 152) }
```

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

```
.background{ background-color: rgb(98, 157,  
152) }
```

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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