

Converting Colors

$Y_{xy}(28.1935, 0.2753, 0.3366)$

Have a look what the booklet for
Yxy(28.1935, 0.2753, 0.3366)
contains.

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Color

$Y_{xy}(28.2036, 0.2753, 0.3358)$

Conversions

Conversions Part 1

Format	Color
Hex	6D9995
RGB	109, 153, 149
RGB Percent	43%, 60%, 58%
CMY	0.5726, 0.4000, 0.4156
CMYK	0.29, 0.00, 0.03, 0.40
HSL	175°, 18%, 51%
HSV	175°, 29%, 60%
XYZ	23.1222, 28.2036, 32.6634
YIQ	139.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

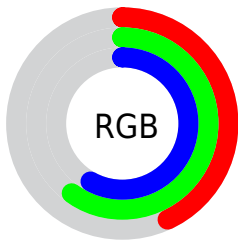
Format	Color
RYB	109, 132, 153
Decimal	7182741
CIELab	60.07, -15.77, -2.73
CIELCh	60, 16.003, 189.806
Yxy	28.2036, 0.2753, 0.3358
Android (android.graphics.Color)	4285372821 (0xFF6D9995)
YUV	139.3880, 4.7387, -26.6503
Hunter-Lab	53.1071, -15.2204, 0.7087

Details

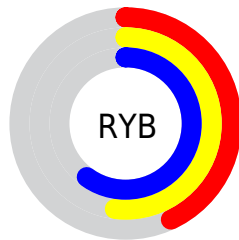
The Yxy color $28.2036, 0.2753, 0.3358$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.8996, 0.3683, 0.3225$, and the grayscale version is $25.9646, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6188, 0.2831, 0.3340$, and $11.3144, 0.2626, 0.3392$ is the 20% darker color. If you saturate the color by 10%, you get $27.2734, 0.2643, 0.3385$, and if you desaturate by 10%, it is $29.3055, 0.2875, 0.3333$.

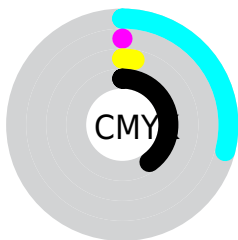
Distribution



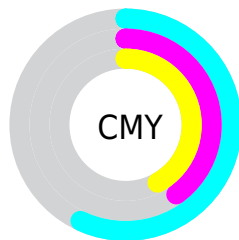
- Red (43%)
- Green (60%)
- Blue (58%)



- Red (43%)
- Yellow (52%)
- Blue (60%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)





- Cyan (57%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2036, 0.2753, 0.3358 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 28.2036, 0.2753, 0.3358 by changing the saturation by 10% instead.


 28.2036, 0.2753,
0.3358


 28.2036, 0.2753,
0.3358


293.4385, 0.2954,
0.3323


 18.4792, 0.2698,
0.3367


 56.8093, 0.2830,
0.3345

 11.2946, 0.2623,
0.3379


 76.4595, 0.2858,
0.3340

 6.2653, 0.2517,
0.3394


 100.1869, 0.2881,
0.3336

 3.0071, 0.2355,
0.3415

 128.3762, 0.2900,
0.3333

 1.1354, 0.2054,
0.3456

161.4115, 0.2917,
0.3330

 0.0080, 0.0000,
0.0386

199.6775, 0.2931,

 0.0000, 0.0000,

0.3327

0.0000

243.5583, 0.2943,
0.3325

■ 28.2036, 0.2753,
0.3358

■ 28.2036, 0.2753,
0.3358

■ 27.2734, 0.2643,
0.3385

■ 29.3055, 0.2875,
0.3333

■ 26.5027, 0.2547,
0.3414

■ 30.5839, 0.3007,
0.3309

■ 25.8832, 0.2467,
0.3443

■ 32.0474, 0.3144,
0.3287

■ 25.4043, 0.2405,
0.3473

■ 33.7032, 0.3286,
0.3268

■ 25.0540, 0.2362,
0.3504

■ 35.5581, 0.3429,
0.3251

■ 24.8185, 0.2337,
0.3534

■ 37.6185, 0.3572,
0.3235

■ 24.6688, 0.2326,
0.3564

■ 39.8906, 0.3713,
0.3222

■ 24.6517, 0.2324,
0.3568

■ 42.3804, 0.3850,
0.3210

■ 45.0933, 0.3983,
0.3200

Harmonies

Analogous

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



28.2036, 0.2967, 0.3594



28.2036, 0.2753, 0.3358



28.2036, 0.2639, 0.3113

Triad

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



28.2036, 0.2753, 0.3358



28.2036, 0.3007, 0.2884



28.2036, 0.3627, 0.3629

Complementary

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



28.2036, 0.2753, 0.3358



18.8996, 0.3683, 0.3225

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.



28.2036, 0.3642, 0.3431



28.2036, 0.2753, 0.3358



28.2036, 0.3275, 0.3013

Square

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



28.2036, 0.2753, 0.3358



28.2036, 0.2780, 0.2853



28.2036, 0.3511, 0.3209



28.2036, 0.3474, 0.3748

Rectangle

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



28.2036, 0.2753, 0.3358



28.2036, 0.2631, 0.2982



28.2036, 0.3511, 0.3209



28.2036, 0.3649, 0.3569

Sweetspot

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



28.2047, 0.2753, 0.3358



54.6684, 0.3001, 0.3310



27.4245, 0.3132, 0.4088



11.9994, 0.2983, 0.3313



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.



28.2047, 0.2753, 0.3358



49.3221, 0.2675, 0.3377



22.9899, 0.2689, 0.2976



7.0169, 0.3000, 0.3310



20.3754, 0.2324, 0.3565



0.3071, 0.2286, 0.3430

Inverse Universe

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



18.8996, 0.3683, 0.3225



29.6704, 0.3874, 0.3208



22.9510, 0.3659, 0.3584



6.2313, 0.3270, 0.3270



5.6255, 0.6268, 0.3227



0.0862, 0.5701, 0.2914

Previews

White Background



This preview shows how the Yxy color 28.2036, 0.2753, 0.3358 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 28.2036, 0.2753, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

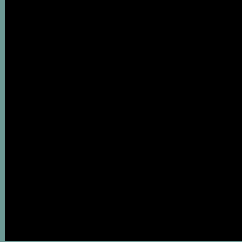
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2036, 0.2753, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 28.2036, 0.2753, 0.3358.

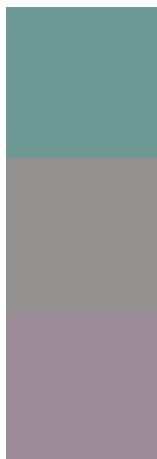


This preview shows how white text looks on a background with the Yxy color 28.2036, 0.2753, 0.3358.

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

28.2036, 0.2753, 0.3358

Protanopia

28.1632, 0.3159, 0.3290

Deuteranopia

27.9917, 0.3168, 0.3105



Tritanopia

28.2223, 0.2665, 0.3088

Trichromacy



Original Color

28.2036, 0.2753, 0.3358

Protanomaly

27.9293, 0.2994, 0.3306

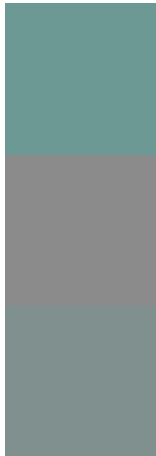
Deuteranomaly

27.8884, 0.2998, 0.3192

Tritanomaly

28.3046, 0.2697, 0.3187

Monochromacy



Original Color

28.2036, 0.2753, 0.3358

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 28.2036, 0.2753, 0.3358 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(109, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(109, 153, 149)  
}
```

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(109, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 153, 149) }
```

Border

The CSS property to change the border of an element to Yxy 28.2036, 0.2753, 0.3358 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(109, 153, 149) }
```

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

```
.border{ border-color:rgb(109, 153, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 153, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(109, 153,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2036, 0.2753, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 153, 149) }
```

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

```
.background{ background-color: rgb(109,  
153, 149) }
```

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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