

Converting Colors

$Y_{xy}(28.0722, 0.2741, 0.3366)$

Have a look what the booklet for
Yxy(28.0722, 0.2741, 0.3366)
contains.

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Color

$Y_{xy}(28.0782, 0.2737, 0.3358)$

Conversions

Conversions Part 1

Format	Color
Hex	6B9995
RGB	107, 153, 149
RGB Percent	42%, 60%, 58%
CMY	0.5801, 0.4000, 0.4156
CMYK	0.30, 0.00, 0.03, 0.40
HSL	175°, 18%, 51%
HSV	175°, 30%, 60%
XYZ	22.8857, 28.0782, 32.6520
YIQ	138.7900, -26.1320, -10.9960

Conversions

Conversions Part 2

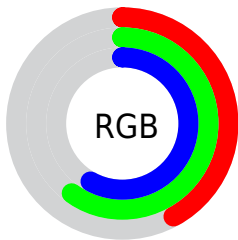
Format	Color
R_{YB}	107, 131, 153
Decimal	7051669
CIE _{Lab}	59.96, -16.35, -2.90
CIE _{LCh}	60, 16.606, 190.073
Yxy	28.0782, 0.2737, 0.3358
Android (android.graphics.Color)	4285241749 (0xFF6B9995)
YUV	138.7900, 5.0335, -27.8798
Hunter-Lab	52.9889, -15.6372, 0.5574

Details

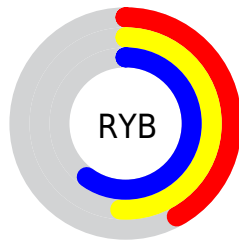
The Yxy color **28.0782, 0.2737, 0.3358** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.4485, 0.3718, 0.3225**, and the grayscale version is **25.7271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4110, 0.2818, 0.3340**, and **11.2544, 0.2606, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **27.1707, 0.2628, 0.3384**, and if you desaturate by 10%, it is **29.1563, 0.2858, 0.3334**.

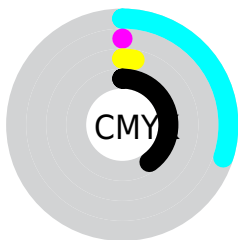
Distribution



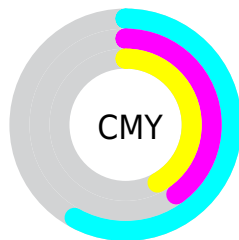
- Red (42%)
- Green (60%)
- Blue (58%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)




- Cyan (58%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0782, 0.2737, 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 28.0782, 0.2737, 0.3358 by changing the saturation by 10% instead.

 28.0782, 0.2737,
0.3358


 28.0782, 0.2737,
0.3358


292.8404, 0.2947,
0.3323


 18.3846, 0.2679,
0.3367


 56.6093, 0.2817,
0.3345


 11.2265, 0.2601,
0.3378


 76.2155, 0.2846,
0.3340

 6.2194, 0.2491,
0.3393

 99.8948, 0.2870,
0.3336

 2.9789, 0.2322,
0.3414

 128.0315, 0.2890,
0.3333

 1.1207, 0.2001,
0.3456

161.0101, 0.2908,
0.3330

 0.0000, 0.0000,
0.0000

199.2148, 0.2922,

0.3328

243.0301, 0.2936,
0.3325

■ 28.0782, 0.2737,
0.3358

■ 28.0782, 0.2737,
0.3358

■ 27.1707, 0.2628,
0.3384

■ 29.1563, 0.2858,
0.3334

■ 26.4215, 0.2534,
0.3411

■ 30.4097, 0.2989,
0.3311

■ 25.8222, 0.2456,
0.3439


■ 31.8472, 0.3127,
0.3290


■ 25.3619, 0.2396,
0.3468


■ 33.4761, 0.3269,
0.3271

■ 25.0286, 0.2355,
0.3497

■ 35.3032, 0.3413,
0.3254


 24.8081, 0.2331,
0.3526

 37.3350, 0.3556,
0.3239

 24.6651, 0.2321,
0.3554

 39.5775, 0.3698,
0.3226

 42.0369, 0.3836,
0.3215

 44.7187, 0.3970,
0.3205

Harmonies

Analogous

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



28.0782, 0.2959, 0.3604



28.0782, 0.2737, 0.3358



28.0782, 0.2620, 0.3104

Triad

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



28.0782, 0.2737, 0.3358



28.0782, 0.3004, 0.2870



28.0782, 0.3646, 0.3643

Complementary

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



28.0782, 0.2737, 0.3358



18.4485, 0.3718, 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.



28.0782, 0.3663, 0.3438



28.0782, 0.2737, 0.3358



28.0782, 0.3283, 0.3004

Square

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



28.0782, 0.2737, 0.3358



28.0782, 0.2768, 0.2836



28.0782, 0.3528, 0.3207



28.0782, 0.3485, 0.3766

Rectangle

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



28.0782, 0.2737, 0.3358



28.0782, 0.2613, 0.2968



28.0782, 0.3528, 0.3207



28.0782, 0.3669, 0.3581

Sweetspot

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



28.0793, 0.2737, 0.3358



54.6717, 0.3001, 0.3309



27.2644, 0.3132, 0.4128



12.0003, 0.2982, 0.3312



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.



28.0793, 0.2737, 0.3358



49.1724, 0.2663, 0.3375



22.6512, 0.2670, 0.2961



7.0173, 0.3000, 0.3309



20.3905, 0.2320, 0.3552



0.3072, 0.2284, 0.3424

Inverse Universe

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



18.4485, 0.3718, 0.3225



29.0910, 0.3908, 0.3210



22.6116, 0.3688, 0.3597



6.2309, 0.3270, 0.3271



5.6241, 0.6275, 0.3230



0.0861, 0.5728, 0.2929

Previews

White Background



This preview shows how the Yxy color 28.0782, 0.2737, 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 28.0782, 0.2737, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

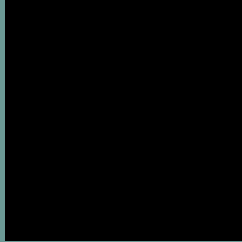
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0782, 0.2737, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 28.0782, 0.2737, 0.3358.



This preview shows how white text looks on a background with the Yxy color 28.0782, 0.2737, 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

28.0782, 0.2737, 0.3358

Protanopia

27.8311, 0.3170, 0.3290

Deuteranopia

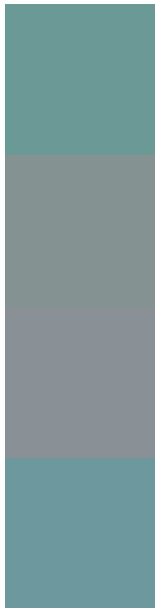
27.8932, 0.3157, 0.3104



Tritanopia

28.0926, 0.2649, 0.3087

Trichromacy



Original Color

28.0782, 0.2737, 0.3358

Protanomaly

27.8173, 0.2994, 0.3323

Deuteranomaly

27.8035, 0.2988, 0.3192

Tritanomaly

28.1763, 0.2681, 0.3187

Monochromacy



Original Color

28.0782, 0.2737, 0.3358

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.4417, 0.2962, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0782, 0.2737, 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(107, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(107, 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(107, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 149) }
```

Border

The CSS property to change the border of an element to Yxy 28.0782, 0.2737, 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(107, 153, 149) }
```

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

```
.border{ border-color:rgb(107, 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(107, 153, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0782, 0.2737, 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(107, 153, 149) }
```

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

```
.background{ background-color: rgb(107,  
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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