

Converting Colors

$Yxy(28.1326, 0.2942, 0.3660)$

Have a look what the booklet for
Yxy(28.1326, 0.2942, 0.3660)
contains.

Yxy(28.0932, 0.2947, 0.3659)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.0932, 0.2947, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	739984
RGB	115, 153, 132
RGB Percent	45%, 60%, 52%
CMY	0.5490, 0.4000, 0.4824
CMYK	0.25, 0.00, 0.14, 0.40
HSL	147°, 16%, 53%
HSV	147°, 25%, 60%
XYZ	22.6266, 28.0932, 26.0586
YIQ	139.2440, -15.9070, -14.5870

Conversions

Conversions Part 2

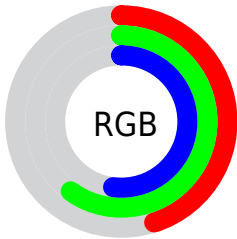
Format	Color
RYB	115, 141, 153
Decimal	7575940
CIELab	59.97, -17.59, 6.81
CIElCh	60, 18.861, 158.819
Yxy	28.0932, 0.2947, 0.3659
Android (android.graphics.Color)	4285766020 (0xFF739984)
YUV	139.2440, -3.5713, -21.2620
Hunter-Lab	53.0030, -16.5550, 7.9526

Details

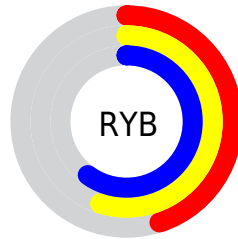
The Yxy color $28.0932, 0.2947, 0.3659$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.8132, 0.3359, 0.2948$, and the grayscale version is $25.9371, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4533, 0.2989, 0.3573$, and $11.2855, 0.2877, 0.3793$ is the 20% darker color. If you saturate the color by 10%, you get $26.9194, 0.2881, 0.3835$, and if you desaturate by 10%, it is $29.4602, 0.3018, 0.3499$.

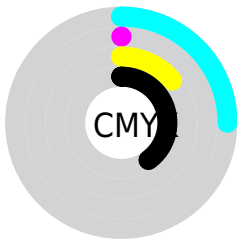
Distribution



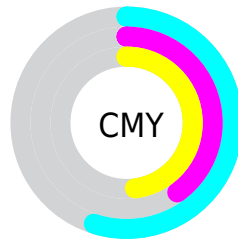
- Red (45%)
- Green (60%)
- Blue (52%)



- Red (45%)
- Yellow (55%)
- Blue (60%)



- Cyan (25%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)




- Cyan (55%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0932, 0.2947, 0.3659 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 28.0932, 0.2947, 0.3659 by changing the saturation by 10% instead.


 28.0932, 0.2947,
0.3659


 28.0932, 0.2947,
0.3659


292.9120, 0.3047,
0.3454


 18.3959, 0.2918,
0.3718


 56.6332, 0.2986,
0.3579

 11.2346, 0.2878,
0.3800


 76.2447, 0.3000,
0.3551

 6.2249, 0.2820,
0.3921

 99.9298, 0.3011,
0.3527

 2.9823, 0.2725,
0.4115

128.0728, 0.3021,
0.3508

 1.1225, 0.2512,
0.4548

161.0581, 0.3029,
0.3492

 0.0000, 0.0000,
0.0000

199.2702, 0.3036,

0.3477

243.0933, 0.3042,
0.3465

■ 28.0932, 0.2947,
0.3659

■ 28.0932, 0.2947,
0.3659

■ 26.9194, 0.2881,
0.3835

■ 29.4602, 0.3018,
0.3499

■ 25.9265, 0.2824,
0.4026

■ 31.0254, 0.3091,
0.3354

■ 25.1059, 0.2777,
0.4228

■ 32.7977, 0.3165,
0.3225

■ 24.4471, 0.2744,
0.4438

■ 34.7844, 0.3239,
0.3111

■ 23.9382, 0.2728,
0.4651

■ 36.9927, 0.3311,
0.3011

■ 23.5657, 0.2731,
0.4859

■ 39.4292, 0.3380,
0.2923

■ 23.3125, 0.2752,
0.5057

■ 42.1004, 0.3446,
0.2846

■ 23.2058, 0.2765,
0.5155

■ 45.0124, 0.3509,
0.2779

■ 48.1711, 0.3569,
0.2720

Harmonies

Analogous

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



28.0932, 0.3257, 0.3827



28.0932, 0.2947, 0.3659



28.0932, 0.2694, 0.3379

Triad

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



28.0932, 0.2947, 0.3659



28.0932, 0.2712, 0.2779



28.0932, 0.3734, 0.3443

Complementary

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



28.0932, 0.2947, 0.3659



20.8132, 0.3359, 0.2948

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.



28.0932, 0.3573, 0.3184



28.0932, 0.2947, 0.3659



28.0932, 0.2974, 0.2813

Square

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



28.0932, 0.2947, 0.3659



28.0932, 0.2563, 0.2873



28.0932, 0.3290, 0.2959



28.0932, 0.3720, 0.3680

Rectangle

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



28.0932, 0.2947, 0.3659



28.0932, 0.2587, 0.3179



28.0932, 0.3290, 0.2959



28.0932, 0.3698, 0.3357

Sweetspot

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



28.0944, 0.2947, 0.3659



54.8828, 0.3074, 0.3386



29.3005, 0.3315, 0.3928



12.0857, 0.3070, 0.3393



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.



28.0944, 0.2947, 0.3659



49.0597, 0.2908, 0.3759



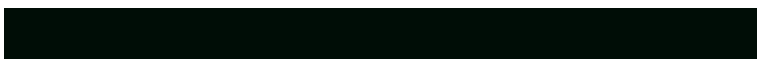
28.6456, 0.2792, 0.3332



6.9692, 0.3059, 0.3416



19.1851, 0.2762, 0.5142



0.2940, 0.2539, 0.4340

Inverse Universe

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



20.8132, 0.3359, 0.2948



33.6472, 0.3429, 0.2866



20.3324, 0.3597, 0.3249



6.2770, 0.3202, 0.3168



6.1405, 0.4695, 0.2360



0.0991, 0.3932, 0.1940

Previews

White Background



This preview shows how the Yxy color 28.0932, 0.2947, 0.3659 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 28.0932, 0.2947, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

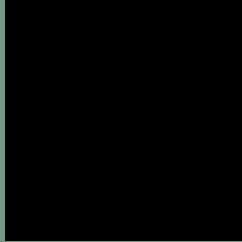
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0932, 0.2947, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 28.0932, 0.2947, 0.3659.



This preview shows how white text looks on a background with the Yxy color 28.0932, 0.2947, 0.3659.

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

28.0932, 0.2947, 0.3659

Protanopia

28.0581, 0.3375, 0.3564

Deuteranopia

27.7916, 0.3415, 0.3353



Tritanopia

28.1330, 0.2754, 0.3091

Trichromacy



Original Color

28.0932, 0.2947, 0.3659

Protanomaly

27.8557, 0.3207, 0.3591

Deuteranomaly

27.5970, 0.3226, 0.3454

Tritanomaly

27.9366, 0.2828, 0.3289

Monochromacy



Original Color

28.0932, 0.2947, 0.3659

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.4699, 0.3058, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0932, 0.2947, 0.3659 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(115, 153, 132)` looks like.

```
.text, #text, p{  
    color:rgb(115, 153, 132)  
}
```

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(115, 153, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 153, 132) }
```

Border

The CSS property to change the border of an element to Yxy 28.0932, 0.2947, 0.3659 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(115, 153, 132) }
```

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

```
.border{ border-color:rgb(115, 153, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 153, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 153, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 153, 132);  
box-shadow:4px 4px 4px 4px rgb(115, 153,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0932, 0.2947, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 153, 132) }
```

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

```
.background{ background-color: rgb(115,  
153, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor