

Converting Colors

$Yxy(27.5444, 0.2693, 0.3942)$

Have a look what the booklet for
Yxy(27.5444, 0.2693, 0.3942)
contains.

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Color

$\text{Yxy}(27.3648, 0.2692, 0.3942)$

Conversions

Conversions Part 1

Format	Color
Hex	4A9E7C
RGB	74, 158, 124
RGB Percent	29%, 62%, 49%
CMY	0.7099, 0.3804, 0.5137
CMYK	0.53, 0.00, 0.22, 0.38
HSL	156°, 36%, 45%
HSV	156°, 53%, 62%
XYZ	18.6875, 27.3648, 23.3663
YIQ	129.0080, -39.1500, -28.3820

Conversions

Conversions Part 2

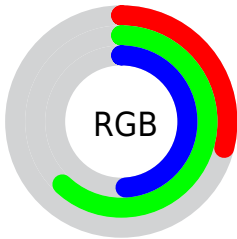
Format	Color
RYB	74, 127, 158
Decimal	4890236
CIELab	59.31, -33.87, 10.11
CIElCh	59, 35.348, 163.388
Yxy	27.3648, 0.2692, 0.3942
Android (android.graphics.Color)	4283080316 (0xFF4A9E7C)
YUV	129.0080, -2.4689, -48.2420
Hunter-Lab	52.3114, -27.7784, 10.1345

Details

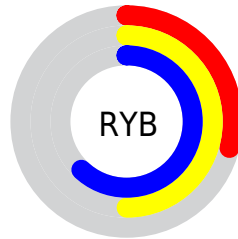
The Yxy color **27.3648, 0.2692, 0.3942** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.2461, 0.3993, 0.2747**, and the grayscale version is **21.9733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4300, 0.2787, 0.3787**, and **10.8612, 0.2526, 0.4213** is the 20% darker color. If you saturate the color by 10%, you get **26.6593, 0.2645, 0.4092**, and if you desaturate by 10%, it is **28.2405, 0.2754, 0.3798**.

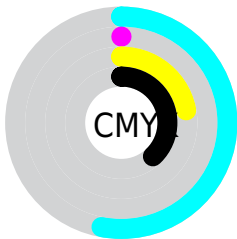
Distribution



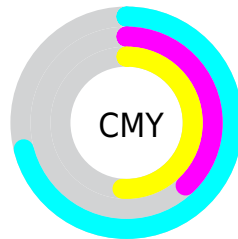
- Red (29%)
- Green (62%)
- Blue (49%)



- Red (29%)
- Yellow (50%)
- Blue (62%)



- Cyan (53%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)




- Cyan (71%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3648, 0.2692, 0.3942 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 27.3648, 0.2692, 0.3942 by changing the saturation by 10% instead.


 27.3648, 0.2692,
0.3942


 27.3648, 0.2692,
0.3942


289.4191, 0.2935,
0.3574


 17.8474, 0.2621,
0.4052


 55.4687, 0.2787,
0.3796

 10.8405, 0.2524,
0.4205


 74.8240, 0.2821,
0.3745

 5.9597, 0.2380,
0.4434

 98.2273, 0.2848,
0.3703

 2.8206, 0.2149,
0.4812

 126.0632, 0.2871,
0.3669

 1.0388, 0.0951,
0.6463

 158.7159, 0.2891,
0.3639

 0.0000, 0.0000,
0.0000

196.5698, 0.2908,

0.3614

240.0094, 0.2922,
0.3593

■ 27.3648, 0.2692,
0.3942

■ 27.3648, 0.2692,
0.3942

■ 26.6593, 0.2645,
0.4092

■ 28.2405, 0.2754,
0.3798

■ 26.1084, 0.2615,
0.4247

■ 29.2941, 0.2829,
0.3663

■ 25.6993, 0.2605,
0.4402

■ 30.5367, 0.2913,
0.3538

■ 25.4153, 0.2614,
0.4555

■ 31.9775, 0.3003,
0.3424

■ 25.2652, 0.2627,
0.4657

■ 33.6252, 0.3097,
0.3321

■ 35.4879, 0.3192,
0.3228

■ 37.5732, 0.3288,
0.3146

■ 39.8885, 0.3382,
0.3073

■ 42.4407, 0.3474,
0.3009

Harmonies

Analogous

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



27.3648, 0.3252, 0.4320



27.3648, 0.2692, 0.3942



27.3648, 0.2274, 0.3348

Triad

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



27.3648, 0.2692, 0.3942



27.3648, 0.2423, 0.2366



27.3648, 0.4297, 0.3598

Complementary

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



27.3648, 0.2692, 0.3942



13.2461, 0.3993, 0.2747

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.



27.3648, 0.4041, 0.3143



27.3648, 0.2692, 0.3942



27.3648, 0.2913, 0.2468

Square

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



27.3648, 0.2692, 0.3942



27.3648, 0.2136, 0.2471



27.3648, 0.3513, 0.2745



27.3648, 0.4199, 0.4029

Rectangle

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



27.3648, 0.2692, 0.3942



27.3648, 0.2119, 0.2968



27.3648, 0.3513, 0.2745



27.3648, 0.4251, 0.3445

Sweetspot

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



27.3659, 0.2692, 0.3942



57.2076, 0.2974, 0.3459



28.2002, 0.3359, 0.4792



12.7823, 0.2957, 0.3480



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.3659, 0.2692, 0.3942



48.1799, 0.2637, 0.4124



26.0580, 0.2433, 0.3161



7.4640, 0.3040, 0.3382



20.2411, 0.2624, 0.4645



0.3701, 0.2455, 0.4040

Inverse Universe

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



13.2461, 0.3993, 0.2747



19.7007, 0.4311, 0.2657



13.6452, 0.4562, 0.3406



6.6884, 0.3224, 0.3200



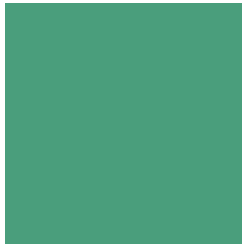
6.1251, 0.5309, 0.2699



0.1177, 0.4355, 0.2173

Previews

White Background



This preview shows how the Yxy color 27.3648, 0.2692, 0.3942 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 27.3648, 0.2692, 0.3942 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 27.3648, 0.2692, 0.3942

Background



This preview shows how black text looks on a background with the Yxy color 27.3648, 0.2692, 0.3942.



This preview shows how white text looks on a background with the Yxy color 27.3648, 0.2692, 0.3942.

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

27.3648, 0.2692, 0.3942

Protanopia

27.0910, 0.3484, 0.3716

Deuteranopia

27.0534, 0.3486, 0.3416



Tritanopia

27.1515, 0.2464, 0.3061

Trichromacy



Original Color

27.3648, 0.2692, 0.3942

Protanomaly

26.6493, 0.3134, 0.3805

Deuteranomaly

26.4502, 0.3133, 0.3602

Tritanomaly

27.1070, 0.2547, 0.3361

Monochromacy



Original Color

27.3648, 0.2692, 0.3942

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

23.5397, 0.2928, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3648, 0.2692, 0.3942 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(74, 158, 124)` looks like.

```
.text, #text, p{  
    color:rgb(74, 158, 124)  
}
```

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(74, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 158, 124) }
```

Border

The CSS property to change the border of an element to Yxy 27.3648, 0.2692, 0.3942 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(74, 158, 124) }
```

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

```
.border{ border-color:rgb(74, 158, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 158, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 158, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 158, 124);  
box-shadow:4px 4px 4px 4px rgb(74, 158,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3648, 0.2692, 0.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 158, 124) }
```

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

```
.background{ background-color: rgb(74, 158,  
124) }
```

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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