

Converting Colors

$Yxy(30.4509, 0.2746, 0.3471)$

Have a look what the booklet for
Yxy(30.4509, 0.2746, 0.3471)
contains.

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Color

Yxy(30.4373, 0.2748, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	6BA095
RGB	107, 160, 149
RGB Percent	42%, 63%, 58%
CMY	0.5806, 0.3725, 0.4156
CMYK	0.33, 0.00, 0.07, 0.37
HSL	168°, 22%, 52%
HSV	168°, 33%, 63%
XYZ	24.0557, 30.4373, 33.0460
YIQ	142.8990, -28.0570, -14.6570

Conversions

Conversions Part 2

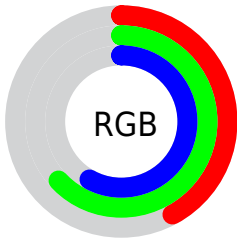
Format	Color
RYB	107, 137, 160
Decimal	7053461
CIELab	62.03, -20.06, 0.13
CIELCh	62, 20.062, 179.632
Yxy	30.4373, 0.2748, 0.3477
Android (android.graphics.Color)	4285243541 (0xFF6BA095)
YUV	142.8990, 3.0078, -31.4834
Hunter-Lab	55.1700, -18.7164, 3.1052

Details

The Yxy color **30.4373, 0.2748, 0.3477** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2878, 0.3716, 0.3114**, and the grayscale version is **27.4192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3863, 0.2825, 0.3441**, and **12.4477, 0.2619, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **29.4329, 0.2654, 0.3543**, and if you desaturate by 10%, it is **31.6307, 0.2854, 0.3415**.

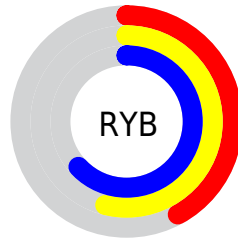
Distribution



Red (42%)

Green (63%)

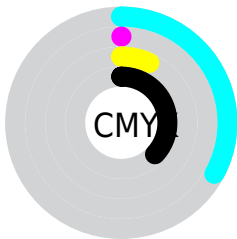
Blue (58%)



Red (42%)

Yellow (54%)

Blue (63%)

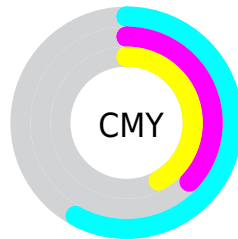


Cyan (33%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (58%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4373, 0.2748, 0.3477 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 30.4373, 0.2748, 0.3477 by changing the saturation by 10% instead.


 30.4373, 0.2748,
0.3477


 30.4373, 0.2748,
0.3477


303.9375, 0.2951,
0.3377

 20.1707, 0.2693,
0.3504


 60.3531, 0.2825,
0.3439


 12.5192, 0.2619,
0.3541


 80.7711, 0.2853,
0.3425

 7.0983, 0.2515,
0.3592


 105.3417, 0.2876,
0.3414

 3.5237, 0.2358,
0.3670

 134.4493, 0.2895,
0.3404

 1.4109, 0.2091,
0.3802

168.4782, 0.2912,
0.3396

 0.2247, 0.0000,
0.4881

207.8130, 0.2927,

 0.0000, 0.0000,

0.3389

0.0000

252.8380, 0.2939,
0.3383

■ 30.4373, 0.2748,
0.3477

■ 30.4373, 0.2748,
0.3477

■ 29.4329, 0.2654,
0.3543

■ 31.6307, 0.2854,
0.3415

■ 28.6035, 0.2574,
0.3613

■ 33.0188, 0.2968,
0.3358

■ 27.9394, 0.2511,
0.3685


■ 34.6115, 0.3088,
0.3305

■ 27.4280, 0.2466,
0.3759


■ 36.4172, 0.3212,
0.3258


■ 27.0552, 0.2440,
0.3834

■ 38.4434, 0.3338,
0.3216

 26.8039, 0.2432,
0.3908

 40.6976, 0.3463,
0.3178

 26.6733, 0.2433,
0.3959

 43.1869, 0.3586,
0.3145

 45.9178, 0.3706,
0.3116

 48.8970, 0.3822,
0.3091

Harmonies

Analogous

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



30.4373, 0.3036, 0.3743



30.4373, 0.2748, 0.3477



30.4373, 0.2565, 0.3167

Triad

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



30.4373, 0.2748, 0.3477



30.4373, 0.2876, 0.2773



30.4373, 0.3766, 0.3624

Complementary

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



30.4373, 0.2748, 0.3477



19.2878, 0.3716, 0.3114

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.



30.4373, 0.3722, 0.3365



30.4373, 0.2748, 0.3477



30.4373, 0.3194, 0.2891

Square

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



30.4373, 0.2748, 0.3477



30.4373, 0.2636, 0.2777



30.4373, 0.3509, 0.3103



30.4373, 0.3629, 0.3813

Rectangle

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



30.4373, 0.2748, 0.3477



30.4373, 0.2522, 0.2987



30.4373, 0.3509, 0.3103



30.4373, 0.3772, 0.3542

Sweetspot

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



30.4385, 0.2748, 0.3477



60.7620, 0.3003, 0.3342



30.0889, 0.3189, 0.4217



13.2455, 0.2987, 0.3349



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.



30.4385, 0.2748, 0.3477



53.8400, 0.2675, 0.3527



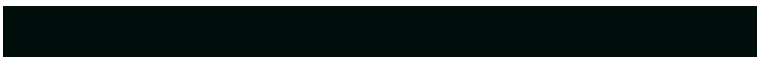
25.9056, 0.2634, 0.3030



7.4859, 0.3014, 0.3337



20.7817, 0.2431, 0.3952



0.3770, 0.2349, 0.3656

Inverse Universe

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



19.2878, 0.3716, 0.3114



30.3309, 0.3916, 0.3073



22.4514, 0.3795, 0.3534



6.6675, 0.3253, 0.3244



5.9135, 0.6010, 0.3085



0.1110, 0.5085, 0.2575

Previews

White Background



This preview shows how the Yxy color 30.4373, 0.2748, 0.3477 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.4373, 0.2748, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

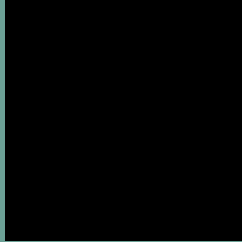
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4373, 0.2748, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 30.4373, 0.2748, 0.3477.

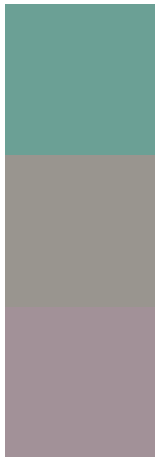


This preview shows how white text looks on a background with the Yxy color 30.4373, 0.2748, 0.3477.

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

30.4373, 0.2748, 0.3477

Protanopia

30.2504, 0.3226, 0.3384

Deuteranopia

30.1992, 0.3237, 0.3185



Tritanopia

30.4610, 0.2626, 0.3077

Trichromacy



Original Color

30.4373, 0.2748, 0.3477

Protanomaly

30.0610, 0.3032, 0.3420

Deuteranomaly

29.7978, 0.3038, 0.3274

Tritanomaly

30.3774, 0.2671, 0.3222

Monochromacy



Original Color

30.4373, 0.2748, 0.3477

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.2851, 0.2974, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4373, 0.2748, 0.3477 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, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(107, 160, 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, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 160, 149) }
```

Border

The CSS property to change the border of an element to Yxy 30.4373, 0.2748, 0.3477 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, 160, 149) }
```

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

```
.border{ border-color:rgb(107, 160, 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, 160, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 160, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 160, 149); box-shadow:4px 4px 4px 4px rgb(107, 160, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4373, 0.2748, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 160, 149) }
```

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

```
.background{ background-color: rgb(107,  
160, 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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