

Converting Colors

$Yxy(30.4025, 0.2756, 0.3495)$

Have a look what the booklet for
Yxy(30.4025, 0.2756, 0.3495)
contains.

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Color

Yxy(30.4055, 0.2756, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	6BA094
RGB	107, 160, 148
RGB Percent	42%, 63%, 58%
CMY	0.5805, 0.3725, 0.4197
CMYK	0.33, 0.00, 0.08, 0.37
HSL	166°, 22%, 52%
HSV	166°, 33%, 63%
XYZ	23.9764, 30.4055, 32.6152
YIQ	142.7850, -27.7360, -14.9680

Conversions

Conversions Part 2

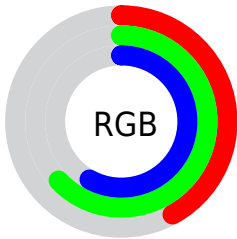
Format	Color
RYB	107, 137, 160
Decimal	7053460
CIELab	62.00, -20.29, 0.67
CIElCh	62, 20.303, 178.113
Yxy	30.4055, 0.2756, 0.3495
Android (android.graphics.Color)	4285243540 (0xFF6BA094)
YUV	142.7850, 2.5710, -31.3834
Hunter-Lab	55.1412, -18.8820, 3.5296

Details

The Yxy color **30.4055, 0.2756, 0.3495** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3175, 0.3701, 0.3097**, and the grayscale version is **27.3743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3387, 0.2831, 0.3454**, and **12.4289, 0.2629, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **29.3922, 0.2664, 0.3568**, and if you desaturate by 10%, it is **31.6084, 0.2859, 0.3427**.

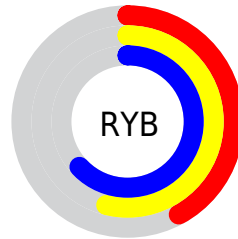
Distribution



Red (42%)

Green (63%)

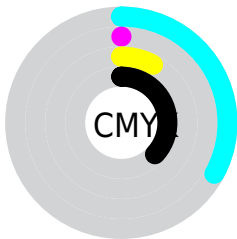
Blue (58%)



Red (42%)

Yellow (54%)

Blue (63%)

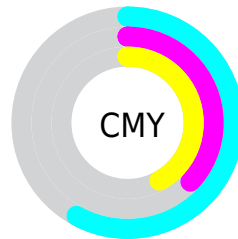


Cyan (33%)

Magenta (0%)

Yellow (8%)

Black (37%)



Cyan (58%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4055, 0.2756, 0.3495 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 30.4055, 0.2756, 0.3495 by changing the saturation by 10% instead.


 30.4055, 0.2756,
0.3495


 30.4055, 0.2756,
0.3495


303.7900, 0.2954,
0.3385


 20.1466, 0.2702,
0.3525


 60.3029, 0.2831,
0.3453


 12.5016, 0.2629,
0.3566


 80.7101, 0.2859,
0.3438

 7.0863, 0.2527,
0.3623


 105.2689, 0.2881,
0.3425

 3.5161, 0.2372,
0.3711

 134.3636, 0.2901,
0.3415

 1.4068, 0.2107,
0.3861

168.3787, 0.2917,
0.3406

 0.2217, 0.0000,
0.5325

207.6986, 0.2931,

 0.0000, 0.0000,

0.3398

0.0000

252.7075, 0.2944,
0.3391

■ 30.4055, 0.2756,
0.3495

■ 30.4055, 0.2756,
0.3495

■ 29.3922, 0.2664,
0.3568

■ 31.6084, 0.2859,
0.3427

■ 28.5546, 0.2586,
0.3644

■ 33.0066, 0.2971,
0.3364

■ 27.8827, 0.2524,
0.3724


■ 34.6100, 0.3089,
0.3307


■ 27.3642, 0.2480,
0.3806


■ 36.4269, 0.3211,
0.3255

■ 26.9848, 0.2456,
0.3888


■ 38.4651, 0.3333,
0.3209

 26.7275, 0.2450,
0.3970

 40.7318, 0.3455,
0.3168

 26.5929, 0.2452,
0.4027

 43.2343, 0.3575,
0.3131

 45.9791, 0.3692,
0.3100

 48.9727, 0.3805,
0.3072

Harmonies

Analogous

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



30.4055, 0.3051, 0.3759



30.4055, 0.2756, 0.3495



30.4055, 0.2565, 0.3180

Triad

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



30.4055, 0.2756, 0.3495



30.4055, 0.2858, 0.2764



30.4055, 0.3776, 0.3616

Complementary

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



30.4055, 0.2756, 0.3495



19.3175, 0.3701, 0.3097

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.



30.4055, 0.3723, 0.3352



30.4055, 0.2756, 0.3495



30.4055, 0.3178, 0.2878

Square

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



30.4055, 0.2756, 0.3495



30.4055, 0.2621, 0.2774



30.4055, 0.3499, 0.3088



30.4055, 0.3646, 0.3813

Rectangle

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



30.4055, 0.2756, 0.3495



30.4055, 0.2516, 0.2995



30.4055, 0.3499, 0.3088



30.4055, 0.3779, 0.3532

Sweetspot

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



30.4067, 0.2756, 0.3495



60.7424, 0.3006, 0.3347



30.1526, 0.3198, 0.4214



13.2407, 0.2990, 0.3354



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.



30.4067, 0.2756, 0.3495



53.7683, 0.2685, 0.3550



26.1798, 0.2637, 0.3045



7.4837, 0.3017, 0.3341



20.7199, 0.2450, 0.4019



0.3763, 0.2359, 0.3693

Inverse Universe

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



19.3175, 0.3701, 0.3097



30.3805, 0.3896, 0.3052



22.2396, 0.3800, 0.3520



6.6696, 0.3250, 0.3239



5.9282, 0.5953, 0.3053



0.1117, 0.4997, 0.2526

Previews

White Background



This preview shows how the Yxy color 30.4055, 0.2756, 0.3495 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 30.4055, 0.2756, 0.3495 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 30.4055, 0.2756, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 30.4055, 0.2756, 0.3495.



This preview shows how white text looks on a background with the Yxy color 30.4055, 0.2756, 0.3495.

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

30.4055, 0.2756, 0.3495

Protanopia

30.3179, 0.3247, 0.3399

Deuteranopia

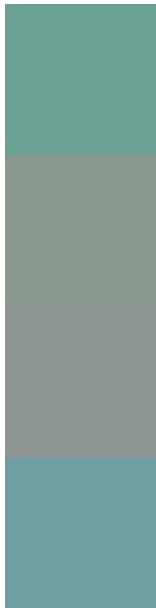
30.2717, 0.3258, 0.3200



Tritanopia

30.4233, 0.2633, 0.3093

Trichromacy



Original Color

30.4055, 0.2756, 0.3495

Protanomaly

30.1144, 0.3051, 0.3436

Deuteranomaly

29.8543, 0.3057, 0.3290

Tritanomaly

30.3419, 0.2678, 0.3239

Monochromacy



Original Color

30.4055, 0.2756, 0.3495

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 30.4055, 0.2756, 0.3495 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(107, 160, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 160, 148) }
```

Border

The CSS property to change the border of an element to Yxy 30.4055, 0.2756, 0.3495 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, 148) }
```

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

```
.border{ border-color:rgb(107, 160, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 160, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 160, 148);  
box-shadow:4px 4px 4px 4px rgb(107, 160,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4055, 0.2756, 0.3495 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, 148) }
```

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

```
.background{ background-color: rgb(107,  
160, 148) }
```

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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