

Converting Colors

$Yxy(30.2376, 0.2743, 0.3497)$

Have a look what the booklet for
Yxy(30.2376, 0.2743, 0.3497)
contains.

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Color

Yxy(30.2830, 0.2740, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	69A094
RGB	105, 160, 148
RGB Percent	41%, 63%, 58%
CMY	0.5883, 0.3725, 0.4195
CMYK	0.34, 0.00, 0.07, 0.37
HSL	167°, 22%, 52%
HSV	167°, 34%, 63%
XYZ	23.7412, 30.2830, 32.6225
YIQ	142.1870, -28.9280, -15.3920

Conversions

Conversions Part 2

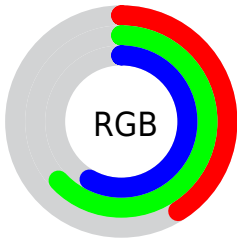
Format	Color
RYB	105, 136, 160
Decimal	6922388
CIELab	61.90, -20.88, 0.48
CIELCh	62, 20.882, 178.689
Yxy	30.2830, 0.2740, 0.3495
Android (android.graphics.Color)	4285112468 (0xFF69A094)
YUV	142.1870, 2.8658, -32.6130
Hunter-Lab	55.0300, -19.2936, 3.3731

Details

The Yxy color **30.2830, 0.2740, 0.3495** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.8553, 0.3739, 0.3098**, and the grayscale version is **27.1242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1342, 0.2818, 0.3454**, and **12.3725, 0.2611, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **29.2964, 0.2649, 0.3565**, and if you desaturate by 10%, it is **31.4576, 0.2843, 0.3429**.

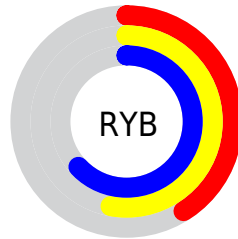
Distribution



Red (41%)

Green (63%)

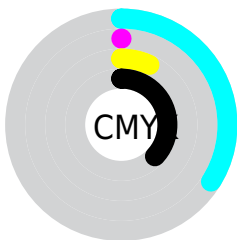
Blue (58%)



Red (41%)

Yellow (53%)

Blue (63%)

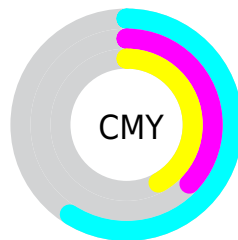


Cyan (34%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (59%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2830, 0.2740, 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 30.2830, 0.2740, 0.3495 by changing the saturation by 10% instead.


 30.2830, 0.2740,
0.3495

 30.2830, 0.2740,
0.3495


303.2214, 0.2947,
0.3385


 20.0535, 0.2683,
0.3525


 60.1094, 0.2819,
0.3453


 12.4339, 0.2608,
0.3566


 80.4752, 0.2847,
0.3438

 7.0399, 0.2501,
0.3623


 104.9884, 0.2871,
0.3426

 3.4871, 0.2339,
0.3710

 134.0336, 0.2891,
0.3415

 1.3910, 0.2060,
0.3861

167.9951, 0.2908,
0.3406

 0.2101, 0.0000,
0.5182

207.2573, 0.2923,

 0.0000, 0.0000,

0.3398

0.0000

252.2046, 0.2936,
0.3391

■ 30.2830, 0.2740,
0.3495

■ 30.2830, 0.2740,
0.3495

■ 29.2964, 0.2649,
0.3565

■ 31.4576, 0.2843,
0.3429

■ 28.4839, 0.2572,
0.3639

■ 32.8261, 0.2955,
0.3368

■ 27.8354, 0.2511,
0.3715

■ 34.3985, 0.3074,
0.3313

■ 27.3384, 0.2469,
0.3794

■ 36.1830, 0.3196,
0.3262

■ 26.9781, 0.2446,
0.3872

■ 38.1876, 0.3320,
0.3217

■ 26.7372, 0.2442,
0.3951

■ 40.4195, 0.3443,
0.3177

■ 26.6288, 0.2443,
0.3995

■ 42.8860, 0.3565,
0.3142

■ 45.5936, 0.3684,
0.3111

■ 48.5490, 0.3799,
0.3084

Harmonies

Analogous

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



30.2830, 0.3042, 0.3770



30.2830, 0.2740, 0.3495



30.2830, 0.2546, 0.3170

Triad

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



30.2830, 0.2740, 0.3495



30.2830, 0.2855, 0.2750



30.2830, 0.3795, 0.3629

Complementary

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



30.2830, 0.2740, 0.3495



18.8553, 0.3739, 0.3098

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.



30.2830, 0.3744, 0.3359



30.2830, 0.2740, 0.3495



30.2830, 0.3186, 0.2870

Square

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



30.2830, 0.2740, 0.3495



30.2830, 0.2610, 0.2758



30.2830, 0.3516, 0.3087



30.2830, 0.3657, 0.3831

Rectangle

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



30.2830, 0.2740, 0.3495



30.2830, 0.2498, 0.2981



30.2830, 0.3516, 0.3087



30.2830, 0.3799, 0.3543

Sweetspot

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



30.2842, 0.2740, 0.3495



60.7516, 0.3004, 0.3344



30.0015, 0.3200, 0.4254



13.2430, 0.2989, 0.3352



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.



30.2842, 0.2740, 0.3495



53.6253, 0.2671, 0.3547



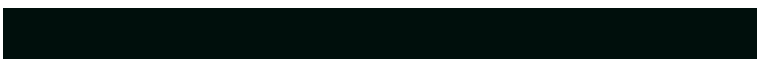
25.8919, 0.2619, 0.3035



7.4848, 0.3016, 0.3339



20.7486, 0.2441, 0.3988



0.3767, 0.2354, 0.3675

Inverse Universe

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



18.8553, 0.3739, 0.3098



29.7813, 0.3934, 0.3056



21.8423, 0.3833, 0.3529



6.6686, 0.3252, 0.3242



5.9211, 0.5980, 0.3068



0.1114, 0.5037, 0.2549

Previews

White Background



This preview shows how the Yxy color 30.2830, 0.2740, 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 30.2830, 0.2740, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

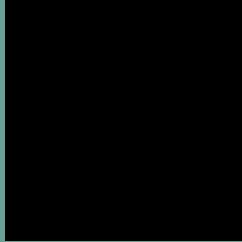
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2830, 0.2740, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 30.2830, 0.2740, 0.3495.

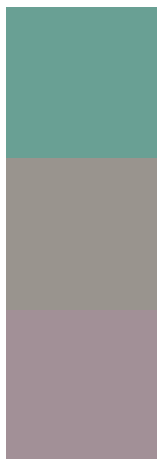


This preview shows how white text looks on a background with the Yxy color 30.2830, 0.2740, 0.3495.

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

30.2830, 0.2740, 0.3495

Protanopia

29.9051, 0.3237, 0.3384

Deuteranopia

29.8623, 0.3249, 0.3185



Tritanopia

30.2935, 0.2618, 0.3092

Trichromacy



Original Color

30.2830, 0.2740, 0.3495

Protanomaly

29.7043, 0.3042, 0.3420

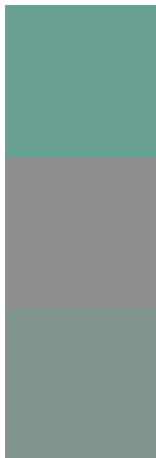
Deuteranomaly

29.6774, 0.3037, 0.3290

Tritanomaly

30.2151, 0.2663, 0.3238

Monochromacy



Original Color

30.2830, 0.2740, 0.3495

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

28.1756, 0.2973, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2830, 0.2740, 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(105, 160, 148)` looks like.

```
.text, #text, p{  
    color:rgb(105, 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(105, 160, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 160, 148) }
```

Border

The CSS property to change the border of an element to Yxy 30.2830, 0.2740, 0.3495 is called "border". The border property can be set on classes, ids or directly on the HTML element.

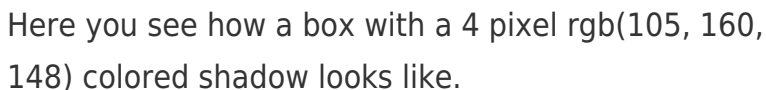
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 160, 148) }
```

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

```
.border{ border-color:rgb(105, 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(105, 160, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 160, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 160, 148); box-shadow:4px 4px 4px 4px rgb(105, 160, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2830, 0.2740, 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(105, 160, 148) }
```

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

```
.background{ background-color: rgb(105,  
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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