

Converting Colors

$Yxy(30.9820, 0.2744, 0.3529)$

Have a look what the booklet for
Yxy(30.9820, 0.2744, 0.3529)
contains.

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Color

Yxy(30.9820, 0.2744, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	69A294
RGB	105, 162, 148
RGB Percent	41%, 64%, 58%
CMY	0.5882, 0.3647, 0.4197
CMYK	0.35, 0.00, 0.09, 0.36
HSL	165°, 23%, 52%
HSV	165°, 35%, 64%
XYZ	24.0903, 30.9820, 32.7203
YIQ	143.3610, -29.4780, -16.4380

Conversions

Conversions Part 2

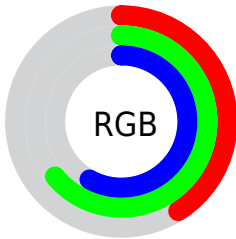
Format	Color
RYB	105, 137, 162
Decimal	6922900
CIELab	62.49, -21.90, 1.37
CIELCh	62, 21.947, 176.422
Yxy	30.9820, 0.2744, 0.3529
Android (android.graphics.Color)	4285112980 (0xFF69A294)
YUV	143.3610, 2.2870, -33.6426
Hunter-Lab	55.6615, -20.1528, 4.1097

Details

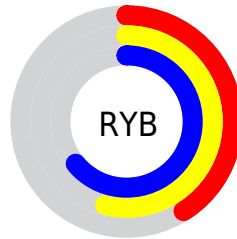
The Yxy color **30.9820, 0.2744, 0.3529** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.1180, 0.3736, 0.3067**, and the grayscale version is **27.6198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1591, 0.2820, 0.3479**, and **12.7992, 0.2618, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **29.9699, 0.2656, 0.3609**, and if you desaturate by 10%, it is **32.1878, 0.2843, 0.3454**.

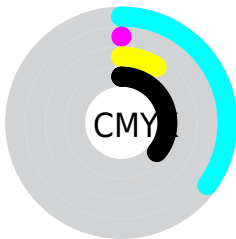
Distribution



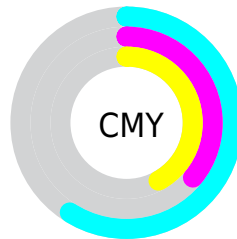
- Red (41%)
- Green (64%)
- Blue (58%)



- Red (41%)
- Yellow (54%)
- Blue (64%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (36%)





- Cyan (59%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9820, 0.2744, 0.3529 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 30.9820, 0.2744, 0.3529 by changing the saturation by 10% instead.


 30.9820, 0.2744,
0.3529


 30.9820, 0.2744,
0.3529


306.4554, 0.2949,
0.3401

 20.5851, 0.2688,
0.3564


 61.2117, 0.2822,
0.3480

 12.8211, 0.2614,
0.3612

 81.8134, 0.2850,
0.3462

 7.3055, 0.2509,
0.3679


 106.5854, 0.2873,
0.3448

 3.6539, 0.2350,
0.3782

 135.9123, 0.2893,
0.3435

 1.4819, 0.2083,
0.3958

170.1783, 0.2910,
0.3425

 0.2759, 0.0000,
0.5741

209.7679, 0.2925,

 0.0000, 0.0000,

0.3416

0.0000

255.0655, 0.2937,
0.3408

■ 30.9820, 0.2744,
0.3529

■ 30.9820, 0.2744,
0.3529

■ 29.9699, 0.2656,
0.3609

■ 32.1878, 0.2843,
0.3454

■ 29.1371, 0.2583,
0.3694

■ 33.5935, 0.2952,
0.3384

■ 28.4730, 0.2526,
0.3782

■ 35.2094, 0.3066,
0.3321


■ 27.9646, 0.2488,
0.3871


■ 37.0440, 0.3184,
0.3263

■ 27.5965, 0.2469,
0.3962

■ 39.1056, 0.3304,
0.3212


 27.3497, 0.2468,
0.4051

 41.4019, 0.3423,
0.3166

 27.2513, 0.2471,
0.4095

 43.9400, 0.3541,
0.3125

 46.7271, 0.3655,
0.3090

 49.7698, 0.3766,
0.3059

Harmonies

Analogous

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



30.9820, 0.3064, 0.3808



30.9820, 0.2744, 0.3529



30.9820, 0.2533, 0.3189

Triad

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



30.9820, 0.2744, 0.3529



30.9820, 0.2820, 0.2724



30.9820, 0.3827, 0.3622

Complementary

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



30.9820, 0.2744, 0.3529



19.1180, 0.3736, 0.3067

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.



30.9820, 0.3759, 0.3338



30.9820, 0.2744, 0.3529



30.9820, 0.3160, 0.2839

Square

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



30.9820, 0.2744, 0.3529



30.9820, 0.2575, 0.2742



30.9820, 0.3509, 0.3059



30.9820, 0.3696, 0.3842

Rectangle

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



30.9820, 0.2744, 0.3529



30.9820, 0.2475, 0.2987



30.9820, 0.3509, 0.3059



30.9820, 0.3827, 0.3531

Sweetspot

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



30.9833, 0.2744, 0.3529



62.1029, 0.2997, 0.3358



30.8021, 0.3210, 0.4278



13.8656, 0.2982, 0.3366



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.9833, 0.2744, 0.3529



54.8136, 0.2676, 0.3590



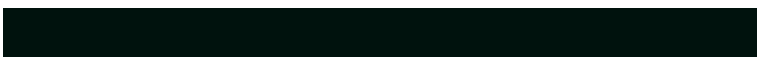
26.7149, 0.2610, 0.3044



7.9813, 0.3019, 0.3346



21.4750, 0.2469, 0.4087



0.4580, 0.2379, 0.3763

Inverse Universe

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



19.1180, 0.3736, 0.3067



30.0835, 0.3932, 0.3019



21.9558, 0.3861, 0.3520



7.1132, 0.3248, 0.3235



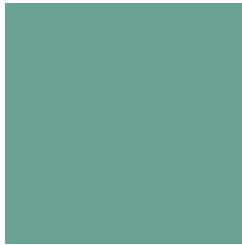
6.1774, 0.5898, 0.3023



0.1368, 0.4961, 0.2506

Previews

White Background



This preview shows how the Yxy color 30.9820, 0.2744, 0.3529 looks on a white background.

Color Contrast Check

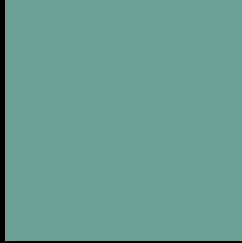
Large Text (above 18pt) WCAG AA × Fail

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 30.9820, 0.2744, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

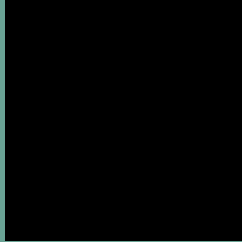
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9820, 0.2744, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 30.9820, 0.2744, 0.3529.

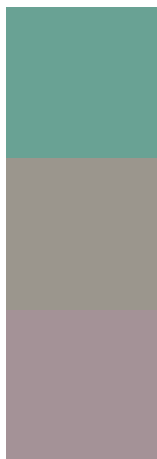


This preview shows how white text looks on a background with the Yxy color 30.9820, 0.2744, 0.3529.

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

30.9820, 0.2744, 0.3529

Protanopia

30.7043, 0.3265, 0.3430

Deuteranopia

30.6846, 0.3267, 0.3216



Tritanopia

31.1161, 0.2616, 0.3094

Trichromacy



Original Color

30.9820, 0.2744, 0.3529

Protanomaly

30.4432, 0.3051, 0.3452

Deuteranomaly

30.4981, 0.3056, 0.3321

Tritanomaly

31.0372, 0.2660, 0.3239

Monochromacy



Original Color

30.9820, 0.2744, 0.3529

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.5242, 0.2965, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9820, 0.2744, 0.3529 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, 162, 148)` looks like.

```
.text, #text, p{  
    color:rgb(105, 162, 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, 162, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 162, 148) }
```

Border

The CSS property to change the border of an element to Yxy 30.9820, 0.2744, 0.3529 is called "border". The border property can be set on classes, ids or directly on the HTML element.

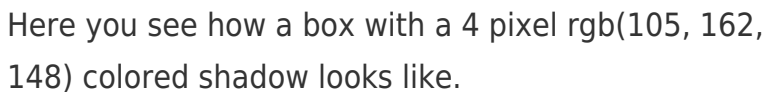
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 162, 148) }
```

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

```
.border{ border-color:rgb(105, 162, 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, 162, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 162, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 162, 148); box-shadow:4px 4px 4px 4px rgb(105, 162, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9820, 0.2744, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 162, 148) }
```

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

```
.background{ background-color: rgb(105,  
162, 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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