

Converting Colors

$Y_{xy}(33.9005, 0.2765, 0.3212)$

Have a look what the booklet for
Yxy(33.9005, 0.2765, 0.3212)
contains.

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Color

Yxy(33.9275, 0.2762, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	7FA4A9
RGB	127, 164, 169
RGB Percent	50%, 64%, 66%
CMY	0.5022, 0.3568, 0.3372
CMYK	0.25, 0.03, 0.00, 0.34
HSL	187°, 20%, 58%
HSV	187°, 25%, 66%
XYZ	29.1834, 33.9275, 42.5494
YIQ	153.5070, -23.6570, -6.2890

Conversions

Conversions Part 2

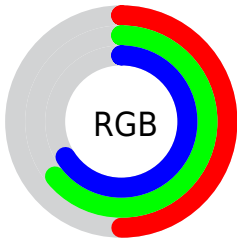
Format	Color
RYB	127, 147, 169
Decimal	8365225
CIELab	64.90, -11.41, -6.73
CIElCh	65, 13.249, 210.522
Yxy	33.9275, 0.2762, 0.3211
Android (android.graphics.Color)	4286555305 (0xFF7FA4A9)
YUV	153.5070, 7.6380, -23.2466
Hunter-Lab	58.2473, -12.4999, -2.5379

Details

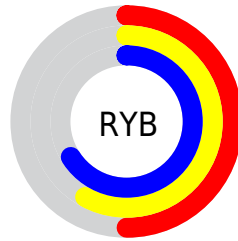
The Yxy color **33.9275, 0.2762, 0.3211** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.4519, 0.3620, 0.3367**, and the grayscale version is **32.0578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8686, 0.2837, 0.3230**, and **14.4092, 0.2642, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **32.0266, 0.2629, 0.3175**, and if you desaturate by 10%, it is **36.0601, 0.2904, 0.3245**.

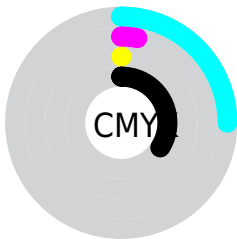
Distribution



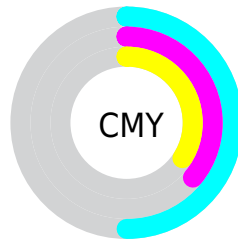
- Red (50%)
- Green (64%)
- Blue (66%)



- Red (50%)
- Yellow (58%)
- Blue (66%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (34%)





- Cyan (50%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.9275, 0.2762, 0.3211 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 33.9275, 0.2762, 0.3211 by changing the saturation by 10% instead.


 33.9275, 0.2762,
0.3211


 33.9275, 0.2762,
0.3211


319.8087, 0.2952,
0.3255

 22.8379, 0.2712,
0.3198


 65.8209, 0.2833,
0.3228

 14.4739, 0.2646,
0.3181


 87.3935, 0.2859,
0.3234

 8.4510, 0.2555,
0.3156


 113.2293, 0.2881,
0.3239

 4.3848, 0.2423,
0.3116

143.7125, 0.2900,
0.3243

 1.8911, 0.2214,
0.3047

179.2277, 0.2915,
0.3247

 0.5430, 0.1287,
0.2942

220.1592, 0.2929,

 0.0000, 0.0000,

0.3250

0.0000

266.8914, 0.2942,
0.3253

■ 33.9275, 0.2762,
0.3211

■ 33.9275, 0.2762,
0.3211

■ 32.0266, 0.2629,
0.3175

■ 36.0601, 0.2904,
0.3245

■ 30.3423, 0.2508,
0.3137

■ 38.4305, 0.3053,
0.3276

■ 28.8643, 0.2403,
0.3098

■ 41.0495, 0.3205,
0.3304

■ 27.5794, 0.2314,
0.3057

■ 43.9261, 0.3359,
0.3330

■ 26.4732, 0.2243,
0.3016

■ 47.0689, 0.3511,
0.3353

■ 25.5287, 0.2191,
0.2975

■ 50.4858, 0.3661,
0.3373

■ 24.7253, 0.2157,
0.2935

■ 54.1848, 0.3807,
0.3391

■ 24.3438, 0.2143,
0.2914

■ 56.7918, 0.3885,
0.3409

■ 57.6078, 0.3878,
0.3430

Harmonies

Analogous

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



33.9275, 0.2880, 0.3404



33.9275, 0.2762, 0.3211



33.9275, 0.2738, 0.3049

Triad

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



33.9275, 0.2762, 0.3211



33.9275, 0.3179, 0.3033



33.9275, 0.3444, 0.3628

Complementary

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



33.9275, 0.2762, 0.3211



26.4519, 0.3620, 0.3367

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.



33.9275, 0.3531, 0.3515



33.9275, 0.2762, 0.3211



33.9275, 0.3376, 0.3176

Square

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



33.9275, 0.2762, 0.3211



33.9275, 0.2973, 0.2954



33.9275, 0.3506, 0.3349



33.9275, 0.3273, 0.3651

Rectangle

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



33.9275, 0.2762, 0.3211



33.9275, 0.2778, 0.2979



33.9275, 0.3506, 0.3349



33.9275, 0.3485, 0.3598

Sweetspot

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



33.9289, 0.2762, 0.3211



67.8331, 0.3019, 0.3269



34.5481, 0.3055, 0.3897



14.7319, 0.3011, 0.3267



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.9289, 0.2762, 0.3211



58.7859, 0.2686, 0.3191



27.0381, 0.2733, 0.2871



8.3778, 0.2987, 0.3262



18.1929, 0.2144, 0.2918



0.4839, 0.2181, 0.3052

Inverse Universe

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



26.2811, 0.3209, 0.2751



42.7843, 0.3230, 0.2628



32.7108, 0.3547, 0.3676



7.6511, 0.3155, 0.3093



7.9076, 0.3527, 0.1717



0.1966, 0.3409, 0.1651

Previews

White Background



This preview shows how the Yxy color 33.9275, 0.2762, 0.3211 looks on a white background.

Color Contrast Check

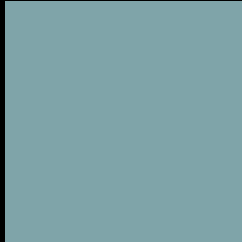
Large Text (above 18pt) WCAG AA × Fail

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 33.9275, 0.2762, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

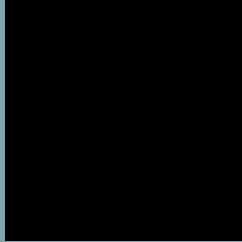
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

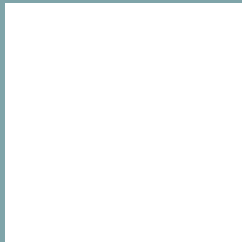
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.9275, 0.2762, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 33.9275, 0.2762, 0.3211.

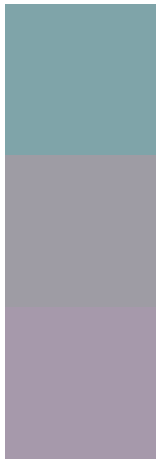


This preview shows how white text looks on a background with the Yxy color 33.9275, 0.2762, 0.3211.

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

33.9275, 0.2762, 0.3211

Protanopia

33.7264, 0.3075, 0.3172

Deuteranopia

33.8297, 0.3090, 0.3033



Tritanopia

33.9182, 0.2717, 0.3089

Trichromacy



Original Color

33.9275, 0.2762, 0.3211

Protanomaly

33.7525, 0.2954, 0.3184

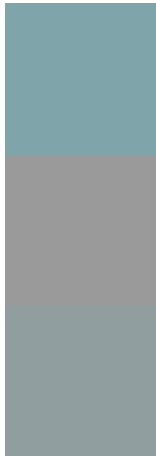
Deuteranomaly

33.6916, 0.2966, 0.3097

Tritanomaly

33.8007, 0.2739, 0.3134

Monochromacy



Original Color

33.9275, 0.2762, 0.3211

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.8862, 0.2985, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9275, 0.2762, 0.3211 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(127, 164, 169)` looks like.

```
.text, #text, p{  
    color:rgb(127, 164, 169)  
}
```

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(127, 164, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 164, 169) }
```

Border

The CSS property to change the border of an element to Yxy 33.9275, 0.2762, 0.3211 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(127, 164, 169) }
```

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

```
.border{ border-color:rgb(127, 164, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 164, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 164, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 164, 169);  
box-shadow:4px 4px 4px 4px rgb(127, 164,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9275, 0.2762, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 164, 169) }
```

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

```
.background{ background-color: rgb(127,  
164, 169) }
```

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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