

Converting Colors

$Y_{xy}(24.2039, 0.2941, 0.3220)$

Have a look what the booklet for
Yxy(24.2039, 0.2941, 0.3220)
contains.

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Color

$Y_{xy}(24.0995, 0.2948, 0.3220)$

Conversions

Conversions Part 1

Format	Color
Hex	7C898D
RGB	124, 137, 141
RGB Percent	49%, 54%, 55%
CMY	0.5137, 0.4627, 0.4471
CMYK	0.12, 0.03, 0.00, 0.45
HSL	194°, 7%, 52%
HSV	194°, 12%, 55%
XYZ	22.0638, 24.0995, 28.6799
YIQ	133.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

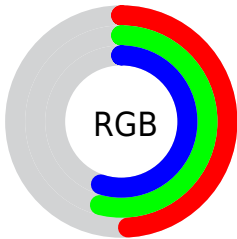
Format	Color
R_YB	124, 131, 141
Decimal	8161677
CIE Lab	56.19, -3.86, -3.74
CIE LCh	56, 5.378, 224.117
Yxy	24.0995, 0.2948, 0.3220
Android (android.graphics.Color)	4286351757 (0xFF7C898D)
YUV	133.5690, 3.6635, -8.3920
Hunter-Lab	49.0912, -5.6839, -0.2743

Details

The Yxy color $24.0995, 0.2948, 0.3220$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.5465, 0.3327, 0.3359$, and the grayscale version is $23.6626, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1142, 0.2986, 0.3226$, and $9.0676, 0.2878, 0.3184$ is the 20% darker color. If you saturate the color by 10%, you get $22.2007, 0.2802, 0.3156$, and if you desaturate by 10%, it is $26.1792, 0.3097, 0.3279$.

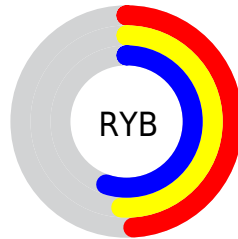
Distribution



Red (49%)

Green (54%)

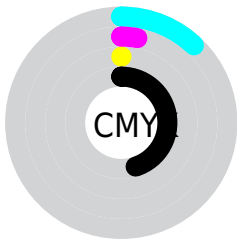
Blue (55%)



Red (49%)

Yellow (51%)

Blue (55%)

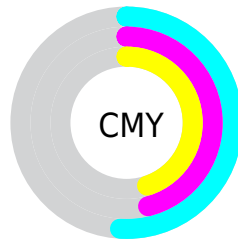


Cyan (12%)

Magenta (3%)

Yellow (0%)

Black (45%)



Cyan (51%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0995, 0.2948, 0.3220 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 24.0995, 0.2948, 0.3220 by changing the saturation by 10% instead.

■ 24.0995, 0.2948,
0.3220

■ 24.0995, 0.2948,
0.3220

273.3231, 0.3047,
0.3259

■ 15.4074, 0.2920,
0.3208

■ 50.1925, 0.2987,
0.3236

■ 9.1058, 0.2880,
0.3192

■ 68.3623, 0.3000,
0.3241

■ 4.8103, 0.2823,
0.3168

■ 90.4601, 0.3011,
0.3246

■ 2.1364, 0.2731,
0.3127

116.8703, 0.3021,
0.3249

■ 0.6850, 0.2475,
0.3044

147.9773, 0.3029,
0.3252

■ 0.0000, 0.0000,
0.0000

184.1655, 0.3036,

0.3255

225.8193, 0.3042,
0.3257

■ 24.0995, 0.2948,
0.3220

■ 24.0995, 0.2948,
0.3220

■ 22.2007, 0.2802,
0.3156

■ 26.1792, 0.3097,
0.3279

■ 20.4731, 0.2660,
0.3086

■ 28.4429, 0.3245,
0.3332

■ 18.9107, 0.2527,
0.3012

■ 30.8976, 0.3392,
0.3379

■ 17.5059, 0.2404,
0.2934

■ 33.5489, 0.3535,
0.3422

■ 16.2505, 0.2296,
0.2853

■ 36.4020, 0.3673,
0.3459

■ 15.1351, 0.2204,
0.2769

■ 39.4622, 0.3805,
0.3492

■ 14.1495, 0.2129,
0.2685

■ 42.7343, 0.3932,
0.3521

■ 13.2814, 0.2074,
0.2601

■ 46.2231, 0.4052,
0.3545

■ 12.6472, 0.2037,
0.2534

■ 49.9333, 0.4165,
0.3567

Harmonies

Analogous

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



24.0995, 0.2985, 0.3304



24.0995, 0.2948, 0.3220



24.0995, 0.2958, 0.3157

Triad

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



24.0995, 0.2948, 0.3220



24.0995, 0.3194, 0.3198



24.0995, 0.3241, 0.3453

Complementary

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



24.0995, 0.2948, 0.3220



22.5465, 0.3327, 0.3359

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.



24.0995, 0.3298, 0.3422



24.0995, 0.2948, 0.3220



24.0995, 0.3272, 0.3275

Square

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



24.0995, 0.2948, 0.3220



24.0995, 0.3100, 0.3146



24.0995, 0.3310, 0.3356



24.0995, 0.3153, 0.3440

Rectangle

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



24.0995, 0.2948, 0.3220



24.0995, 0.2991, 0.3135



24.0995, 0.3310, 0.3356



24.0995, 0.3264, 0.3447

Sweetspot

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



24.1005, 0.2948, 0.3220



46.1115, 0.3066, 0.3267



24.8861, 0.3074, 0.3521



10.2410, 0.3056, 0.3263



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.1005, 0.2948, 0.3220



42.3790, 0.2915, 0.3206



21.7830, 0.2945, 0.3069



5.9054, 0.2990, 0.3237



11.5601, 0.2038, 0.2537



0.1440, 0.2147, 0.2930

Inverse Universe

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



21.8816, 0.3185, 0.3070



37.7570, 0.3197, 0.3027



24.8517, 0.3310, 0.3502



5.4897, 0.3170, 0.3123



6.1533, 0.3886, 0.1914



0.0622, 0.3516, 0.1711

Previews

White Background



This preview shows how the Yxy color 24.0995, 0.2948, 0.3220 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0995, 0.2948, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

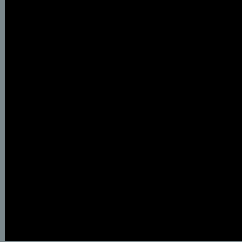
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

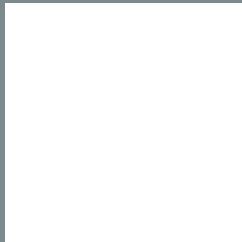
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.0995, 0.2948, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 24.0995, 0.2948, 0.3220.



This preview shows how white text looks on a background with the Yxy color 24.0995, 0.2948, 0.3220.

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

24.0995, 0.2948, 0.3220

Protanopia

24.1485, 0.3098, 0.3205

Deuteranopia

24.1149, 0.3158, 0.3109



Tritanopia

24.0749, 0.2901, 0.3100

Trichromacy



Original Color

24.0995, 0.2948, 0.3220

Protanomaly

24.1269, 0.3043, 0.3204

Deuteranomaly

24.0464, 0.3078, 0.3138

Tritanomaly

24.0126, 0.2920, 0.3134

Monochromacy



Original Color

24.0995, 0.2948, 0.3220

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.8799, 0.3051, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0995, 0.2948, 0.3220 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(124, 137, 141)` looks like.

```
.text, #text, p{  
    color:rgb(124, 137, 141)  
}
```

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(124, 137, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 137, 141) }
```

Border

The CSS property to change the border of an element to Yxy 24.0995, 0.2948, 0.3220 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(124, 137, 141) }
```

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

```
.border{ border-color:rgb(124, 137, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 137, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 137, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 137, 141);  
box-shadow:4px 4px 4px 4px rgb(124, 137,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0995, 0.2948, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 137, 141) }
```

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

```
.background{ background-color: rgb(124,  
137, 141) }
```

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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