

Converting Colors

$Y_{xy}(24.6430, 0.2863, 0.3247)$

Have a look what the booklet for
Yxy(24.6430, 0.2863, 0.3247)
contains.

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Color

Yxy(24.5212, 0.2860, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	758C8F
RGB	117, 140, 143
RGB Percent	46%, 55%, 56%
CMY	0.5412, 0.4510, 0.4392
CMYK	0.18, 0.02, 0.00, 0.44
HSL	187°, 10%, 51%
HSV	187°, 18%, 56%
XYZ	21.6720, 24.5212, 29.5831
YIQ	133.4650, -14.6710, -3.9430

Conversions

Conversions Part 2

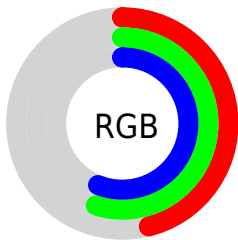
Format	Color
R_{YB}	117, 129, 143
Decimal	7703695
CIE _{Lab}	56.61, -7.49, -4.35
CIE _{LCh}	57, 8.667, 210.152
Yxy	24.5212, 0.2860, 0.3236
Android (android.graphics.Color)	4285893775 (0xFF758C8F)
YUV	133.4650, 4.7008, -14.4398
Hunter-Lab	49.5189, -8.5373, -0.7572

Details

The Yxy color $24.5212, 0.2860, 0.3236$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.5589, 0.3457, 0.3343$, and the grayscale version is $23.6206, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.0498, 0.2912, 0.3251$, and $9.3316, 0.2756, 0.3209$ is the 20% darker color. If you saturate the color by 10%, you get $23.1261, 0.2722, 0.3203$, and if you desaturate by 10%, it is $26.0770, 0.3005, 0.3267$.

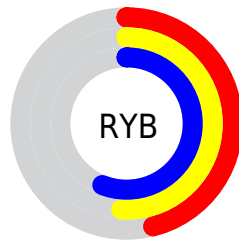
Distribution



Red (46%)

Green (55%)

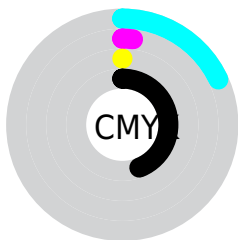
Blue (56%)



Red (46%)

Yellow (51%)

Blue (56%)

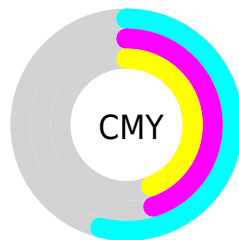


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (44%)



Cyan (54%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5212, 0.2860, 0.3236 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 24.5212, 0.2860, 0.3236 by changing the saturation by 10% instead.


 24.5212, 0.2860,
0.3236


 24.5212, 0.2860,
0.3236


275.4450, 0.3007,
0.3267


 15.7207, 0.2818,
0.3226


 50.8794, 0.2917,
0.3249

 9.3267, 0.2761,
0.3213


 69.2059, 0.2937,
0.3253

 4.9549, 0.2677,
0.3192

 91.4765, 0.2954,
0.3256

 2.2208, 0.2545,
0.3156

118.0756, 0.2968,
0.3259

 0.7313, 0.2179,
0.3111

149.3876, 0.2980,
0.3262

 0.0000, 0.0000,
0.0000

185.7969, 0.2990,

0.3264

227.6879, 0.2999,
0.3266

■ 24.5212, 0.2860,
0.3236

■ 24.5212, 0.2860,
0.3236

■ 23.1261, 0.2722,
0.3203

■ 26.0770, 0.3005,
0.3267

■ 21.8817, 0.2595,
0.3168

■ 27.7968, 0.3154,
0.3295

■ 20.7816, 0.2480,
0.3131

■ 29.6878, 0.3306,
0.3320

■ 19.8179, 0.2380,
0.3093

■ 31.7557, 0.3457,
0.3343

■ 18.9815, 0.2297,
0.3054

■ 34.0059, 0.3606,
0.3364

■ 18.2626, 0.2232,
0.3014

■ 36.4438, 0.3751,
0.3382

■ 17.6494, 0.2185,
0.2975

■ 39.0743, 0.3892,
0.3397

■ 17.1180, 0.2153,
0.2936

■ 41.9023, 0.4027,
0.3411

■ 17.0245, 0.2147,
0.2929

■ 44.9323, 0.4156,
0.3422

Harmonies

Analogous

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



24.5212, 0.2948, 0.3375



24.5212, 0.2860, 0.3236



24.5212, 0.2841, 0.3117

Triad

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



24.5212, 0.2860, 0.3236



24.5212, 0.3164, 0.3100



24.5212, 0.3360, 0.3536

Complementary

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



24.5212, 0.2860, 0.3236



20.5589, 0.3457, 0.3343

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.



24.5212, 0.3421, 0.3455



24.5212, 0.2860, 0.3236



24.5212, 0.3307, 0.3205

Square

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



24.5212, 0.2860, 0.3236



24.5212, 0.3014, 0.3042



24.5212, 0.3402, 0.3334



24.5212, 0.3236, 0.3551

Rectangle

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



24.5212, 0.2860, 0.3236



24.5212, 0.2871, 0.3064



24.5212, 0.3402, 0.3334



24.5212, 0.3389, 0.3515

Sweetspot

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



24.5222, 0.2860, 0.3236



47.6086, 0.3051, 0.3276



24.7771, 0.3080, 0.3718



10.8742, 0.3041, 0.3274



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.5222, 0.2860, 0.3236



42.8042, 0.2800, 0.3222



21.0476, 0.2848, 0.3007



6.0113, 0.2990, 0.3264



15.0688, 0.2148, 0.2931



0.1636, 0.2201, 0.3122

Inverse Universe

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



20.4553, 0.3183, 0.2903



34.1220, 0.3197, 0.2810



23.7925, 0.3420, 0.3557



5.5004, 0.3154, 0.3098



6.5075, 0.3516, 0.1710



0.0642, 0.3349, 0.1618

Previews

White Background



This preview shows how the Yxy color 24.5212, 0.2860, 0.3236 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 24.5212, 0.2860, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

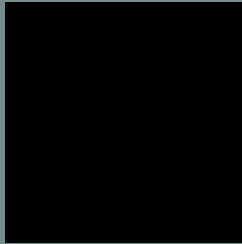
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

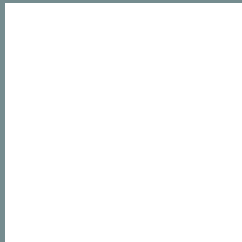
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.5212, 0.2860, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 24.5212, 0.2860, 0.3236.



This preview shows how white text looks on a background with the Yxy color 24.5212, 0.2860, 0.3236.

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

24.5212, 0.2860, 0.3236

Protanopia

24.5398, 0.3098, 0.3206

Deuteranopia

24.4762, 0.3126, 0.3077



Tritanopia

24.5188, 0.2806, 0.3098

Trichromacy



Original Color

24.5212, 0.2860, 0.3236

Protanomaly

24.5602, 0.3011, 0.3221

Deuteranomaly

24.4099, 0.3025, 0.3138

Tritanomaly

24.4234, 0.2833, 0.3149

Monochromacy



Original Color

24.5212, 0.2860, 0.3236

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9265, 0.3019, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5212, 0.2860, 0.3236 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(117, 140, 143)` looks like.

```
.text, #text, p{  
  color:rgb(117, 140, 143)  
}
```

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(117, 140, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 140, 143) }
```

Border

The CSS property to change the border of an element to Yxy 24.5212, 0.2860, 0.3236 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(117, 140, 143) }
```

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

```
.border{ border-color:rgb(117, 140, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 140, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 140, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 140, 143);  
box-shadow:4px 4px 4px 4px rgb(117, 140,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5212, 0.2860, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 140, 143) }
```

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

```
.background{ background-color: rgb(117,  
140, 143) }
```

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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