

Converting Colors

$Y_{xy}(26.7427, 0.2792, 0.3227)$

Have a look what the booklet for
Yxy(26.7427, 0.2792, 0.3227)
contains.

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Color

Yxy(26.7824, 0.2797, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	749396
RGB	116, 147, 150
RGB Percent	45%, 58%, 59%
CMY	0.5451, 0.4235, 0.4117
CMYK	0.23, 0.02, 0.00, 0.41
HSL	185°, 14%, 52%
HSV	185°, 23%, 59%
XYZ	23.1419, 26.7824, 32.8140
YIQ	138.0730, -19.4390, -5.6390

Conversions

Conversions Part 2

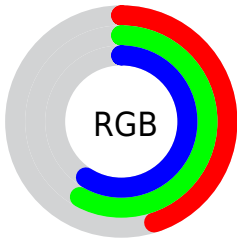
Format	Color
RYB	116, 132, 150
Decimal	7639958
CIELab	58.77, -10.08, -5.17
CIELCh	59, 11.327, 207.169
Yxy	26.7824, 0.2797, 0.3237
Android (android.graphics.Color)	4285830038 (0xFF749396)
YUV	138.0730, 5.8800, -19.3580
Hunter-Lab	51.7517, -10.7453, -1.3676

Details

The Yxy color $26.7824, 0.2797, 0.3237$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.9447, 0.3564, 0.3342$, and the grayscale version is $25.4281, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5679, 0.2869, 0.3251$, and $10.4599, 0.2686, 0.3211$ is the 20% darker color. If you saturate the color by 10%, you get $25.4251, 0.2665, 0.3211$, and if you desaturate by 10%, it is $28.3128, 0.2939, 0.3262$.

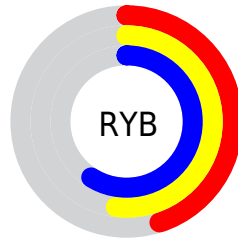
Distribution



Red (45%)

Green (58%)

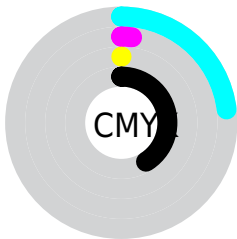
Blue (59%)



Red (45%)

Yellow (52%)

Blue (59%)

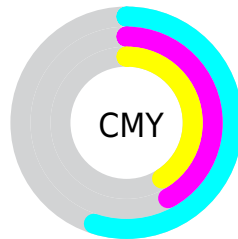


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (41%)



Cyan (55%)


Magenta (42%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7824, 0.2797, 0.3237 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 26.7824, 0.2797, 0.3237 by changing the saturation by 10% instead.


 26.7824, 0.2797,
0.3237


 26.7824, 0.2797,
0.3237


286.6020, 0.2976,
0.3268

 17.4099, 0.2747,
0.3227


 54.5345, 0.2866,
0.3250

 10.5271, 0.2680,
0.3214


 73.6828, 0.2890,
0.3254

 5.7498, 0.2584,
0.3193

 96.8586, 0.2911,
0.3257

 2.6936, 0.2436,
0.3158

124.4461, 0.2928,
0.3260

 0.9739, 0.2153,
0.3097

156.8298, 0.2942,
0.3263

 0.0000, 0.0000,
0.0000

194.3941, 0.2955,

0.3265

237.5234, 0.2966,
0.3266

■ 26.7824, 0.2797,
0.3237

■ 26.7824, 0.2797,
0.3237

■ 25.4251, 0.2665,
0.3211

■ 28.3128, 0.2939,
0.3262

■ 24.2295, 0.2544,
0.3183

■ 30.0203, 0.3087,
0.3284

■ 23.1882, 0.2439,
0.3154

■ 31.9131, 0.3239,
0.3305

■ 22.2916, 0.2350,
0.3125

■ 33.9978, 0.3392,
0.3324

■ 21.5294, 0.2278,
0.3095

■ 36.2807, 0.3544,
0.3340

■ 20.8894, 0.2225,
0.3065

■ 38.7677, 0.3694,
0.3355

■ 20.3575, 0.2190,
0.3036

■ 41.4645, 0.3840,
0.3368

■ 20.0088, 0.2171,
0.3014

■ 44.3767, 0.3980,
0.3379

■ 47.5096, 0.4115,
0.3389

Harmonies

Analogous

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



26.7824, 0.2916, 0.3415



26.7824, 0.2797, 0.3237



26.7824, 0.2764, 0.3081

Triad

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



26.7824, 0.2797, 0.3237



26.7824, 0.3153, 0.3040



26.7824, 0.3434, 0.3595

Complementary

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



26.7824, 0.2797, 0.3237



20.9447, 0.3564, 0.3342

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.



26.7824, 0.3504, 0.3483



26.7824, 0.2797, 0.3237



26.7824, 0.3339, 0.3167

Square

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



26.7824, 0.2797, 0.3237



26.7824, 0.2966, 0.2975



26.7824, 0.3469, 0.3327



26.7824, 0.3283, 0.3625

Rectangle

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



26.7824, 0.2797, 0.3237



26.7824, 0.2795, 0.3010



26.7824, 0.3469, 0.3327



26.7824, 0.3468, 0.3565

Sweetspot

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



26.7835, 0.2797, 0.3237



51.5786, 0.3020, 0.3274



26.8610, 0.3073, 0.3851



11.3968, 0.3013, 0.3273



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.7835, 0.2797, 0.3237



46.0512, 0.2732, 0.3225



21.9268, 0.2775, 0.2937



6.4751, 0.2990, 0.3270



16.6127, 0.2171, 0.3016



0.2241, 0.2212, 0.3162

Inverse Universe

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



21.0824, 0.3188, 0.2789



34.3135, 0.3203, 0.2681



25.3119, 0.3505, 0.3619



5.9004, 0.3150, 0.3091



6.8704, 0.3440, 0.1669



0.0862, 0.3314, 0.1599

Previews

White Background



This preview shows how the Yxy color 26.7824, 0.2797, 0.3237 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 26.7824, 0.2797, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

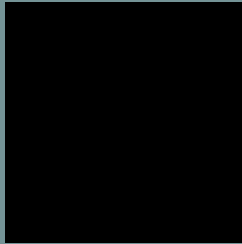
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7824, 0.2797, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 26.7824, 0.2797, 0.3237.

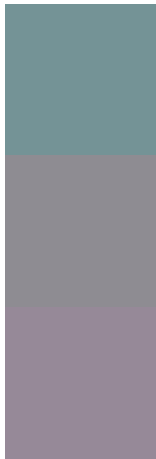


This preview shows how white text looks on a background with the Yxy color 26.7824, 0.2797, 0.3237.

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

26.7824, 0.2797, 0.3237

Protanopia

26.5823, 0.3089, 0.3192

Deuteranopia

26.6423, 0.3116, 0.3054



Tritanopia

26.8436, 0.2756, 0.3103

Trichromacy



Original Color

26.7824, 0.2797, 0.3237

Protanomaly

26.7381, 0.2985, 0.3223

Deuteranomaly

26.6874, 0.2998, 0.3126

Tritanomaly

26.6728, 0.2771, 0.3153

Monochromacy



Original Color

26.7824, 0.2797, 0.3237

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.7486, 0.3001, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7824, 0.2797, 0.3237 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(116, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(116, 147, 150)  
}
```

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(116, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 147, 150) }
```

Border

The CSS property to change the border of an element to Yxy 26.7824, 0.2797, 0.3237 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(116, 147, 150) }
```

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

```
.border{ border-color:rgb(116, 147, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(116, 147,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7824, 0.2797, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 147, 150) }
```

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

```
.background{ background-color: rgb(116,  
147, 150) }
```

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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