

Converting Colors

$Y_{xy}(26.8604, 0.2770, 0.3715)$

Have a look what the booklet for
Yxy(26.8604, 0.2770, 0.3715)
contains.

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Color

Yxy(26.7213, 0.2773, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	5D9982
RGB	93, 153, 130
RGB Percent	36%, 60%, 51%
CMY	0.6353, 0.4000, 0.4901
CMYK	0.39, 0.00, 0.15, 0.40
HSL	157°, 24%, 48%
HSV	157°, 39%, 60%
XYZ	19.9349, 26.7213, 25.2332
YIQ	132.4380, -28.3770, -19.8730

Conversions

Conversions Part 2

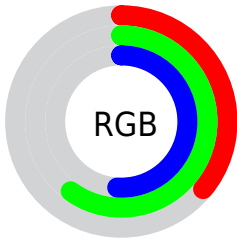
Format	Color
R_{YB}	93, 130, 153
Decimal	6134146
CIE _{Lab}	58.72, -24.98, 5.97
CIE _{LCh}	59, 25.681, 166.553
Yxy	26.7213, 0.2773, 0.3717
Android (android.graphics.Color)	4284324226 (0xFF5D9982)
YUV	132.4380, -1.2019, -34.5871
Hunter-Lab	51.6926, -21.6248, 7.2431

Details

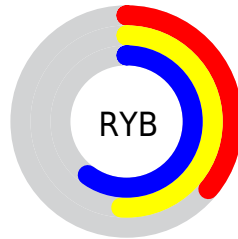
The Yxy color $26.7213, 0.2773, 0.3717$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $15.8600, 0.3702, 0.2906$, and the grayscale version is $23.2531, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6416, 0.2851, 0.3626$, and $10.5891, 0.2641, 0.3889$ is the 20% darker color. If you saturate the color by 10%, you get $25.8494, 0.2703, 0.3849$, and if you desaturate by 10%, it is $27.7640, 0.2854, 0.3594$.

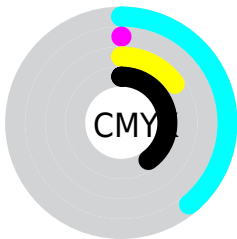
Distribution



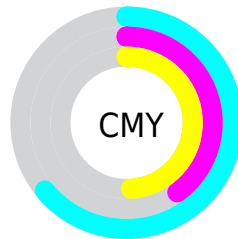
- Red (36%)
- Green (60%)
- Blue (51%)



- Red (36%)
- Yellow (51%)
- Blue (60%)



- Cyan (39%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)




- Cyan (64%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7213, 0.2773, 0.3717 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 26.7213, 0.2773, 0.3717 by changing the saturation by 10% instead.


 26.7213, 0.2773,
0.3717


 26.7213, 0.2773,
0.3717


286.3052, 0.2969,
0.3478


 17.3640, 0.2717,
0.3787


 54.4363, 0.2849,
0.3623


 10.4944, 0.2639,
0.3885


 73.5628, 0.2876,
0.3590

 5.7280, 0.2526,
0.4030

 96.7146, 0.2899,
0.3563

 2.6804, 0.2345,
0.4266

 124.2759, 0.2917,
0.3540

 0.9672, 0.1611,
0.5070

156.6313, 0.2933,
0.3521

 0.0000, 0.0000,
0.0000

194.1650, 0.2947,

0.3505

237.2615, 0.2959,
0.3490

■ 26.7213, 0.2773,
0.3717

■ 26.7213, 0.2773,
0.3717

■ 25.8494, 0.2703,
0.3849

■ 27.7640, 0.2854,
0.3594

■ 25.1354, 0.2648,
0.3988

■ 28.9833, 0.2943,
0.3480

■ 24.5697, 0.2609,
0.4131

■ 30.3885, 0.3037,
0.3377


■ 24.1400, 0.2589,
0.4277


■ 31.9874, 0.3135,
0.3283

■ 23.8322, 0.2589,
0.4423


■ 33.7872, 0.3233,
0.3200


 23.6149, 0.2603,
0.4566

 35.7950, 0.3332,
0.3125

 23.5990, 0.2605,
0.4577

 38.0172, 0.3428,
0.3060

 40.4602, 0.3521,
0.3002

 43.1301, 0.3612,
0.2952

Harmonies

Analogous

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



26.7213, 0.3186, 0.4009



26.7213, 0.2773, 0.3717



26.7213, 0.2468, 0.3296

Triad

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



26.7213, 0.2773, 0.3717



26.7213, 0.2636, 0.2593



26.7213, 0.3989, 0.3576

Complementary

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



26.7213, 0.2773, 0.3717



15.8600, 0.3702, 0.2906

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.



26.7213, 0.3825, 0.3227



26.7213, 0.2773, 0.3717



26.7213, 0.3020, 0.2684

Square

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



26.7213, 0.2773, 0.3717



26.7213, 0.2395, 0.2666



26.7213, 0.3460, 0.2910



26.7213, 0.3901, 0.3884

Rectangle

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



26.7213, 0.2773, 0.3717



26.7213, 0.2359, 0.3027



26.7213, 0.3460, 0.2910



26.7213, 0.3962, 0.3460

Sweetspot

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



26.7224, 0.2773, 0.3717



53.6257, 0.3008, 0.3407



27.2863, 0.3297, 0.4373



11.7755, 0.2997, 0.3419



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.7224, 0.2773, 0.3717



46.4774, 0.2712, 0.3831



25.1849, 0.2579, 0.3162



6.9864, 0.3037, 0.3377



19.5100, 0.2602, 0.4566



0.2987, 0.2430, 0.3949

Inverse Universe

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



15.8600, 0.3702, 0.2906



24.2463, 0.3894, 0.2823



16.6756, 0.4024, 0.3411



6.2599, 0.3227, 0.3205



5.8608, 0.5393, 0.2744



0.0944, 0.4378, 0.2185

Previews

White Background



This preview shows how the Yxy color 26.7213, 0.2773, 0.3717 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 26.7213, 0.2773, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

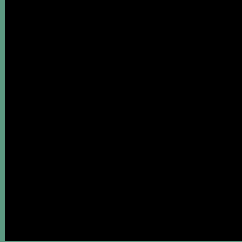
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7213, 0.2773, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 26.7213, 0.2773, 0.3717.



This preview shows how white text looks on a background with the Yxy color 26.7213, 0.2773, 0.3717.

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

26.7213, 0.2773, 0.3717

Protanopia

26.3893, 0.3381, 0.3571

Deuteranopia

26.4976, 0.3387, 0.3322



Tritanopia

26.7774, 0.2581, 0.3081

Trichromacy



Original Color

26.7213, 0.2773, 0.3717

Protanomaly

26.2692, 0.3122, 0.3622

Deuteranomaly

26.1078, 0.3131, 0.3443

Tritanomaly

26.5561, 0.2643, 0.3289

Monochromacy



Original Color

26.7213, 0.2773, 0.3717

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.2464, 0.2982, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7213, 0.2773, 0.3717 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(93, 153, 130)` looks like.

```
.text, #text, p{  
    color:rgb(93, 153, 130)  
}
```

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(93, 153, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 153, 130) }
```

Border

The CSS property to change the border of an element to Yxy 26.7213, 0.2773, 0.3717 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(93, 153, 130) }
```

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

```
.border{ border-color:rgb(93, 153, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 153, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 153, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 153, 130);  
box-shadow:4px 4px 4px 4px rgb(93, 153,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7213, 0.2773, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 153, 130) }
```

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

```
.background{ background-color: rgb(93, 153,  
130) }
```

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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