

Converting Colors

$Y_{xy}(27.0277, 0.2746, 0.3356)$

Have a look what the booklet for
Yxy(27.0277, 0.2746, 0.3356)
contains.

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Color

Yxy(26.9522, 0.2747, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	6A9692
RGB	106, 150, 146
RGB Percent	42%, 59%, 57%
CMY	0.5844, 0.4117, 0.4275
CMYK	0.29, 0.00, 0.03, 0.41
HSL	175°, 17%, 50%
HSV	175°, 29%, 59%
XYZ	22.0350, 26.9522, 31.2277
YIQ	136.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

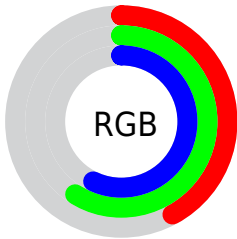
Format	Color
R_{YB}	106, 129, 150
Decimal	6985362
CIE _{Lab}	58.93, -15.82, -2.70
CIE _{LCh}	59, 16.046, 189.700
Yxy	26.9522, 0.2747, 0.3360
Android (android.graphics.Color)	4285175442 (0xFF6A9692)
YUV	136.3880, 4.7387, -26.6503
Hunter-Lab	51.9155, -15.0896, 0.6774

Details

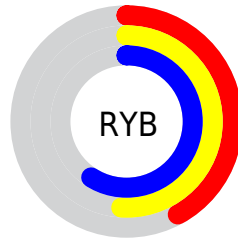
The Yxy color $26.9522, 0.2747, 0.3360$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.9137, 0.3696, 0.3223$, and the grayscale version is $24.7608, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7268, 0.2827, 0.3341$, and $10.6090, 0.2605, 0.3368$ is the 20% darker color. If you saturate the color by 10%, you get $26.0710, 0.2638, 0.3387$, and if you desaturate by 10%, it is $27.9968, 0.2868, 0.3334$.

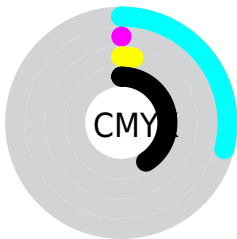
Distribution



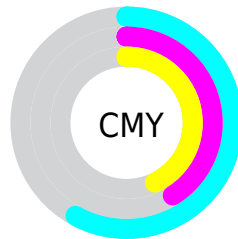
- Red (42%)
- Green (59%)
- Blue (57%)



- Red (42%)
- Yellow (51%)
- Blue (59%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)




- Cyan (58%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9522, 0.2747, 0.3360 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 26.9522, 0.2747, 0.3360 by changing the saturation by 10% instead.


 26.9522, 0.2747,
0.3360


 26.9522, 0.2747,
0.3360


287.4256, 0.2953,
0.3324


 17.5373, 0.2690,
0.3369


 54.8072, 0.2826,
0.3347


 10.6183, 0.2612,
0.3382


 74.0160, 0.2854,
0.3342

 5.8108, 0.2501,
0.3398

 97.2584, 0.2878,
0.3337

 2.7304, 0.2330,
0.3421

 124.9185, 0.2898,
0.3334

 0.9926, 0.1946,
0.3490

157.3809, 0.2915,
0.3331

 0.0000, 0.0000,
0.0000

195.0300, 0.2929,

0.3328

238.2501, 0.2942,
0.3326

■ 26.9522, 0.2747,
0.3360

■ 26.9522, 0.2747,
0.3360

■ 26.0710, 0.2638,
0.3387

■ 27.9968, 0.2868,
0.3334

■ 25.3417, 0.2543,
0.3416

■ 29.2094, 0.2999,
0.3310

■ 24.7561, 0.2464,
0.3446

■ 30.5982, 0.3136,
0.3289

■ 24.3041, 0.2403,
0.3476

■ 32.1703, 0.3277,
0.3269

■ 23.9744, 0.2361,
0.3507

■ 33.9319, 0.3420,
0.3251

■ 23.7535, 0.2337,
0.3537

■ 35.8893, 0.3563,
0.3236

■ 23.6105, 0.2326,
0.3568

■ 38.0484, 0.3703,
0.3222

■ 23.6017, 0.2325,
0.3569

■ 40.4147, 0.3840,
0.3210

■ 42.9938, 0.3973,
0.3200

Harmonies

Analogous

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



26.9522, 0.2965, 0.3600



26.9522, 0.2747, 0.3360



26.9522, 0.2630, 0.3111

Triad

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



26.9522, 0.2747, 0.3360



26.9522, 0.3003, 0.2877



26.9522, 0.3636, 0.3635

Complementary

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



26.9522, 0.2747, 0.3360



17.9137, 0.3696, 0.3223

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.



26.9522, 0.3651, 0.3432



26.9522, 0.2747, 0.3360



26.9522, 0.3277, 0.3007

Square

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



26.9522, 0.2747, 0.3360



26.9522, 0.2773, 0.2846



26.9522, 0.3517, 0.3206



26.9522, 0.3481, 0.3756

Rectangle

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



26.9522, 0.2747, 0.3360



26.9522, 0.2622, 0.2977



26.9522, 0.3517, 0.3206



26.9522, 0.3658, 0.3573

Sweetspot

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



26.9533, 0.2747, 0.3360



51.5814, 0.3001, 0.3310



26.1953, 0.3132, 0.4105



11.3640, 0.2984, 0.3313



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.



26.9533, 0.2747, 0.3360



46.5414, 0.2676, 0.3377



21.8751, 0.2681, 0.2969



6.5532, 0.3001, 0.3310



19.5744, 0.2324, 0.3567



0.2417, 0.2283, 0.3417

Inverse Universe

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



17.9137, 0.3696, 0.3223



28.0276, 0.3872, 0.3208



21.8376, 0.3671, 0.3589



5.8235, 0.3269, 0.3270



5.4057, 0.6264, 0.3225



0.0679, 0.5686, 0.2906

Previews

White Background



This preview shows how the Yxy color 26.9522, 0.2747, 0.3360 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 26.9522, 0.2747, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

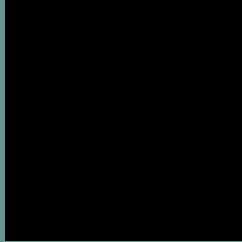
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

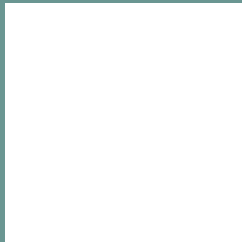
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.9522, 0.2747, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 26.9522, 0.2747, 0.3360.



This preview shows how white text looks on a background with the Yxy color 26.9522, 0.2747, 0.3360.

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

26.9522, 0.2747, 0.3360

Protanopia

26.9021, 0.3160, 0.3290

Deuteranopia

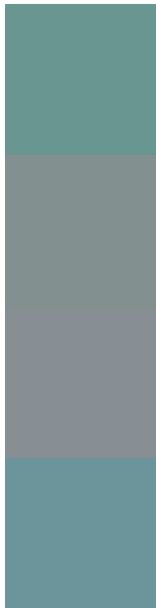
26.7366, 0.3169, 0.3101



Tritanopia

26.9691, 0.2658, 0.3084

Trichromacy



Original Color

26.9522, 0.2747, 0.3360

Protanomaly

26.6755, 0.2992, 0.3307

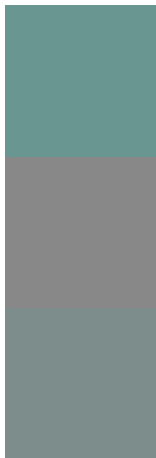
Deuteranomaly

26.6350, 0.2996, 0.3190

Tritanomaly

27.0496, 0.2690, 0.3185

Monochromacy



Original Color

26.9522, 0.2747, 0.3360

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.3032, 0.2969, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9522, 0.2747, 0.3360 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(106, 150, 146)` looks like.

```
.text, #text, p{  
    color:rgb(106, 150, 146)  
}
```

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(106, 150, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 150, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.9522, 0.2747, 0.3360 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(106, 150, 146) }
```

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

```
.border{ border-color:rgb(106, 150, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 150, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 150, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 150, 146);  
box-shadow:4px 4px 4px 4px rgb(106, 150,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9522, 0.2747, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 150, 146) }
```

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

```
.background{ background-color: rgb(106,  
150, 146) }
```

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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