

Converting Colors

$Y_{xy}(27.2663, 0.2762, 0.3518)$

Have a look what the booklet for
Yxy(27.2663, 0.2762, 0.3518)
contains.

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Color

Yxy(27.1166, 0.2757, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	65988C
RGB	101, 152, 140
RGB Percent	40%, 60%, 55%
CMY	0.6039, 0.4039, 0.4510
CMYK	0.34, 0.00, 0.08, 0.40
HSL	166°, 20%, 50%
HSV	166°, 34%, 60%
XYZ	21.3297, 27.1166, 28.9192
YIQ	135.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

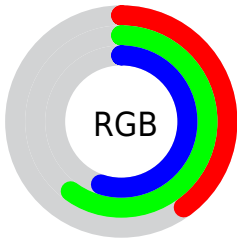
Format	Color
RYB	101, 130, 152
Decimal	6658188
CIELab	59.08, -19.78, 0.89
CIELCh	59, 19.805, 177.419
Yxy	27.1166, 0.2757, 0.3505
Android (android.graphics.Color)	4284848268 (0xFF65988C)
YUV	135.3830, 2.2762, -30.1539
Hunter-Lab	52.0736, -18.0141, 3.5247

Details

The Yxy color $27.1166, 0.2757, 0.3505$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.1787, 0.3701, 0.3088$, and the grayscale version is $24.3786, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.8629, 0.2840, 0.3460$, and $10.7494, 0.2626, 0.3589$ is the 20% darker color. If you saturate the color by 10%, you get $26.2159, 0.2666, 0.3580$, and if you desaturate by 10%, it is $28.1852, 0.2859, 0.3434$.

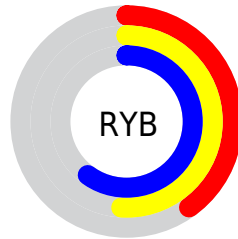
Distribution



Red (40%)

Green (60%)

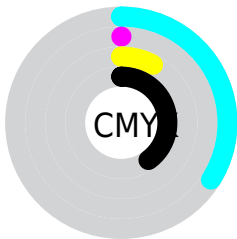
Blue (55%)



Red (40%)

Yellow (51%)

Blue (60%)

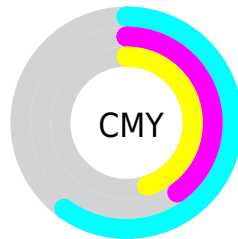


Cyan (34%)

Magenta (0%)

Yellow (8%)

Black (40%)



Cyan (60%)


Magenta (40%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1166, 0.2757, 0.3505 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 27.1166, 0.2757, 0.3505 by changing the saturation by 10% instead.

 27.1166, 0.2757,
0.3505


 27.1166, 0.2757,
0.3505


288.2212, 0.2959,
0.3388


 17.6608, 0.2700,
0.3538

 55.0709, 0.2835,
0.3460

 10.7067, 0.2624,
0.3584


 74.3382, 0.2862,
0.3443

 5.8700, 0.2513,
0.3649

 97.6449, 0.2885,
0.3430

 2.7662, 0.2341,
0.3752

 125.3752, 0.2905,
0.3419

 1.0109, 0.1877,
0.4015

157.9136, 0.2921,
0.3409

 0.0000, 0.0000,
0.0000

195.6444, 0.2935,

0.3401

238.9522, 0.2948,
0.3394

■ 27.1166, 0.2757,
0.3505

■ 27.1166, 0.2757,
0.3505

■ 26.2159, 0.2666,
0.3580

■ 28.1852, 0.2859,
0.3434

■ 25.4708, 0.2590,
0.3660

■ 29.4267, 0.2969,
0.3369

■ 24.8726, 0.2529,
0.3743

■ 30.8500, 0.3085,
0.3310

■ 24.4103, 0.2486,
0.3828

■ 32.4624, 0.3205,
0.3256

■ 24.0713, 0.2463,
0.3913

■ 34.2706, 0.3325,
0.3208

■ 23.8405, 0.2457,
0.3998

■ 36.2813, 0.3445,
0.3165

■ 23.7226, 0.2459,
0.4053

■ 38.5006, 0.3564,
0.3127

■ 40.9344, 0.3679,
0.3094

■ 43.5886, 0.3790,
0.3066

Harmonies

Analogous

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



27.1166, 0.3057, 0.3771



27.1166, 0.2757, 0.3505



27.1166, 0.2560, 0.3185

Triad

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



27.1166, 0.2757, 0.3505



27.1166, 0.2847, 0.2756



27.1166, 0.3786, 0.3614

Complementary

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



27.1166, 0.2757, 0.3505



17.1787, 0.3701, 0.3088

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.



27.1166, 0.3727, 0.3346



27.1166, 0.2757, 0.3505



27.1166, 0.3171, 0.2869

Square

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



27.1166, 0.2757, 0.3505



27.1166, 0.2611, 0.2769



27.1166, 0.3497, 0.3080



27.1166, 0.3657, 0.3816

Rectangle

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



27.1166, 0.2757, 0.3505



27.1166, 0.2509, 0.2997



27.1166, 0.3497, 0.3080



27.1166, 0.3788, 0.3528

Sweetspot

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



27.1177, 0.2757, 0.3505



52.7453, 0.3007, 0.3349



26.9581, 0.3207, 0.4220



11.9167, 0.2993, 0.3357



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.



27.1177, 0.2757, 0.3505



46.6849, 0.2690, 0.3559



23.5737, 0.2635, 0.3059



7.0017, 0.3019, 0.3343



19.8957, 0.2458, 0.4048



0.3029, 0.2353, 0.3670

Inverse Universe

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



17.1787, 0.3701, 0.3088



26.4811, 0.3883, 0.3044



19.5965, 0.3811, 0.3508



6.2453, 0.3248, 0.3238



5.7071, 0.5923, 0.3037



0.0903, 0.4922, 0.2485

Previews

White Background



This preview shows how the Yxy color 27.1166, 0.2757, 0.3505 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 27.1166, 0.2757, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

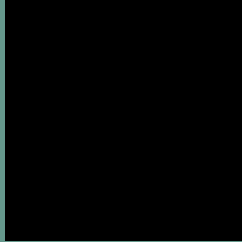
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1166, 0.2757, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 27.1166, 0.2757, 0.3505.

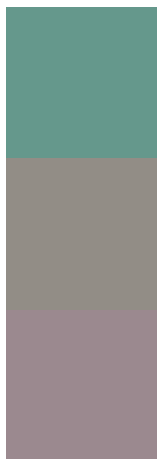


This preview shows how white text looks on a background with the Yxy color 27.1166, 0.2757, 0.3505.

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

27.1166, 0.2757, 0.3505

Protanopia

26.8820, 0.3253, 0.3405

Deuteranopia

26.8431, 0.3265, 0.3196



Tritanopia

27.1323, 0.2628, 0.3083

Trichromacy



Original Color

27.1166, 0.2757, 0.3505

Protanomaly

26.7742, 0.3058, 0.3443

Deuteranomaly

26.4499, 0.3053, 0.3290

Tritanomaly

27.0557, 0.2675, 0.3236

Monochromacy



Original Color

27.1166, 0.2757, 0.3505

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.0668, 0.2977, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1166, 0.2757, 0.3505 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(101, 152, 140)` looks like.

```
.text, #text, p{  
    color:rgb(101, 152, 140)  
}
```

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(101, 152, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 152, 140) }
```

Border

The CSS property to change the border of an element to Yxy 27.1166, 0.2757, 0.3505 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(101, 152, 140) }
```

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

```
.border{ border-color:rgb(101, 152, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 152, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 152, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 152, 140);  
box-shadow:4px 4px 4px 4px rgb(101, 152,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1166, 0.2757, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 152, 140) }
```

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

```
.background{ background-color: rgb(101,  
152, 140) }
```

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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