

Converting Colors

$Y_{xy}(26.7703, 0.3097, 0.3495)$

Have a look what the booklet for
Yxy(26.7703, 0.3097, 0.3495)
contains.

Yxy(26.7695, 0.3097, 0.3495)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7695, 0.3097, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	839185
RGB	131, 145, 133
RGB Percent	51%, 57%, 52%
CMY	0.4862, 0.4314, 0.4785
CMYK	0.10, 0.00, 0.08, 0.43
HSL	128°, 6%, 54%
HSV	128°, 10%, 57%
XYZ	23.7211, 26.7695, 26.1031
YIQ	139.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

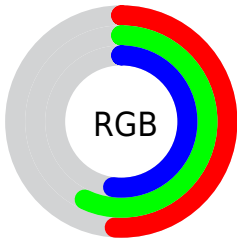
Format	Color
R_{YB}	131, 143, 145
Decimal	8622469
CIE _{Lab}	58.76, -7.44, 4.65
CIE _{LCh}	59, 8.778, 147.984
Yxy	26.7695, 0.3097, 0.3495
Android (android.graphics.Color)	4286812549 (0xFF839185)
YUV	139.4460, -3.1779, -7.4071
Hunter-Lab	51.7393, -8.7062, 6.3049

Details

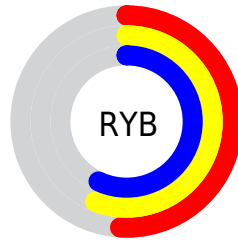
The Yxy color $26.7695, 0.3097, 0.3495$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.2426, 0.3159, 0.3093$, and the grayscale version is $26.0151, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5824, 0.3104, 0.3454$, and $10.6183, 0.3084, 0.3570$ is the 20% darker color. If you saturate the color by 10%, you get $25.3683, 0.3065, 0.3735$, and if you desaturate by 10%, it is $28.3759, 0.3128, 0.3283$.

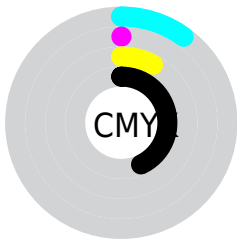
Distribution



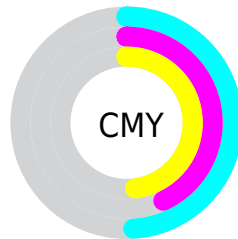
- Red (51%)
- Green (57%)
- Blue (52%)



- Red (51%)
- Yellow (56%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7695, 0.3097, 0.3495 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 26.7695, 0.3097, 0.3495 by changing the saturation by 10% instead.

■ 26.7695, 0.3097,
0.3495

■ 26.7695, 0.3097,
0.3495

286.5393, 0.3114,
0.3382

■ 17.4002, 0.3092,
0.3528

■ 54.5138, 0.3104,
0.3451

■ 10.5202, 0.3085,
0.3573

■ 73.6575, 0.3106,
0.3435

■ 5.7452, 0.3074,
0.3639

■ 96.8282, 0.3108,
0.3422

■ 2.6908, 0.3055,
0.3745

124.4102, 0.3110,
0.3412

■ 0.9725, 0.3029,
0.3980

156.7879, 0.3111,
0.3402

■ 0.0000, 0.0000,
0.0000

194.3457, 0.3112,

0.3395

237.4681, 0.3113,
0.3388

■ 26.7695, 0.3097,
0.3495

■ 26.7695, 0.3097,
0.3495

■ 25.3683, 0.3065,
0.3735

■ 28.3759, 0.3128,
0.3283

■ 24.1607, 0.3034,
0.4001

■ 30.1917, 0.3158,
0.3097

■ 23.1392, 0.3004,
0.4291

■ 32.2254, 0.3186,
0.2935

■ 22.2946, 0.2978,
0.4597

■ 34.4837, 0.3213,
0.2794

■ 21.6166, 0.2958,
0.4908

■ 36.9734, 0.3237,
0.2673

■ 21.0942, 0.2946,
0.5208

■ 39.7007, 0.3260,
0.2568

■ 20.7147, 0.2944,
0.5477

■ 42.6718, 0.3280,
0.2477

■ 20.4636, 0.2952,
0.5697

■ 45.8925, 0.3299,
0.2398

■ 20.3073, 0.2962,
0.5860

■ 48.1104, 0.3260,
0.2311

Harmonies

Analogous

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



26.7695, 0.3245, 0.3548



26.7695, 0.3097, 0.3495



26.7695, 0.2960, 0.3383

Triad

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



26.7695, 0.3097, 0.3495



26.7695, 0.2894, 0.3054



26.7695, 0.3393, 0.3324

Complementary

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



26.7695, 0.3097, 0.3495



24.2426, 0.3159, 0.3093

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.



26.7695, 0.3295, 0.3198



26.7695, 0.3097, 0.3495



26.7695, 0.3006, 0.3044

Square

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



26.7695, 0.3097, 0.3495



26.7695, 0.2845, 0.3127



26.7695, 0.3152, 0.3097



26.7695, 0.3418, 0.3445

Rectangle

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



26.7695, 0.3097, 0.3495



26.7695, 0.2892, 0.3292



26.7695, 0.3152, 0.3097



26.7695, 0.3367, 0.3281

Sweetspot

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



26.7706, 0.3097, 0.3495



49.7921, 0.3118, 0.3352



27.7413, 0.3245, 0.3520



11.0276, 0.3115, 0.3368



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.



26.7706, 0.3097, 0.3495



47.2530, 0.3089, 0.3555



26.9672, 0.3032, 0.3376



6.0410, 0.3098, 0.3484



17.4169, 0.2960, 0.5857



0.1684, 0.2813, 0.5328

Inverse Universe

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



24.2426, 0.3159, 0.3093



41.5978, 0.3168, 0.3039



24.0403, 0.3233, 0.3205



5.4982, 0.3157, 0.3103



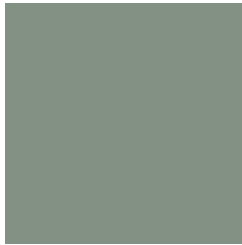
6.4273, 0.3589, 0.1751



0.0638, 0.3382, 0.1637

Previews

White Background



This preview shows how the Yxy color 26.7695, 0.3097, 0.3495 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 26.7695, 0.3097, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

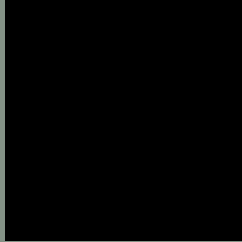
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7695, 0.3097, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 26.7695, 0.3097, 0.3495.



This preview shows how white text looks on a background with the Yxy color 26.7695, 0.3097, 0.3495.

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

26.7695, 0.3097, 0.3495

Protanopia

26.7994, 0.3284, 0.3455

Deuteranopia

26.5257, 0.3376, 0.3307



Tritanopia

26.7142, 0.2939, 0.3109

Trichromacy



Original Color

26.7695, 0.3097, 0.3495

Protanomaly

26.6747, 0.3217, 0.3457

Deuteranomaly

26.4824, 0.3278, 0.3372

Tritanomaly

26.7068, 0.2994, 0.3240

Monochromacy



Original Color

26.7695, 0.3097, 0.3495

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.0901, 0.3113, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7695, 0.3097, 0.3495 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(131, 145, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 145, 133)  
}
```

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(131, 145, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 145, 133) }
```

Border

The CSS property to change the border of an element to Yxy 26.7695, 0.3097, 0.3495 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(131, 145, 133) }
```

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

```
.border{ border-color:rgb(131, 145, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 145, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 145, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 145, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 145,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7695, 0.3097, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 145, 133) }
```

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

```
.background{ background-color: rgb(131,  
145, 133) }
```

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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