

Converting Colors

$Yxy(26.5817, 0.2738, 0.3313)$

Have a look what the booklet for
Yxy(26.5817, 0.2738, 0.3313)
contains.

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Color

Yxy(26.6656, 0.2737, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	6A9593
RGB	106, 149, 147
RGB Percent	42%, 58%, 58%
CMY	0.5844, 0.4157, 0.4235
CMYK	0.29, 0.00, 0.01, 0.42
HSL	177°, 17%, 50%
HSV	177°, 29%, 58%
XYZ	21.9566, 26.6656, 31.5992
YIQ	135.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

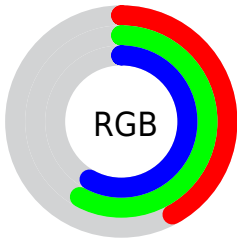
Format	Color
R_{YB}	106, 128, 149
Decimal	6985107
CIE _{Lab}	58.66, -15.03, -3.68
CIE _{LCh}	59, 15.477, 193.771
Yxy	26.6656, 0.2737, 0.3324
Android (android.graphics.Color)	4285175187 (0xFF6A9593)
YUV	135.9150, 5.4649, -26.2355
Hunter-Lab	51.6387, -14.4703, -0.1341

Details

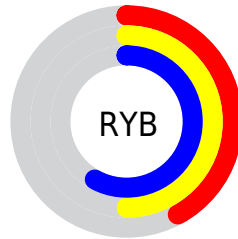
The Yxy color $26.6656, 0.2737, 0.3324$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.7759, 0.3711, 0.3257$, and the grayscale version is $24.5724, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2998, 0.2820, 0.3315$, and $10.4392, 0.2590, 0.3315$ is the 20% darker color. If you saturate the color by 10%, you get $25.8103, 0.2623, 0.3337$, and if you desaturate by 10%, it is $27.6818, 0.2864, 0.3311$.

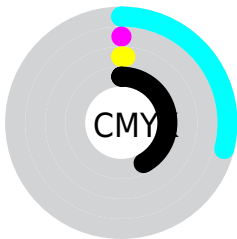
Distribution



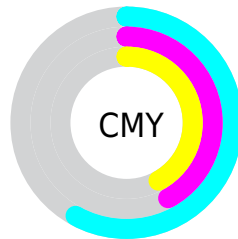
- Red (42%)
- Green (58%)
- Blue (58%)



- Red (42%)
- Yellow (50%)
- Blue (58%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6656, 0.2737, 0.3324 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 26.6656, 0.2737, 0.3324 by changing the saturation by 10% instead.

■ 26.6656, 0.2737,
0.3324

■ 26.6656, 0.2737,
0.3324

286.0344, 0.2948,
0.3308

■ 17.3222, 0.2678,
0.3328

■ 54.3468, 0.2818,
0.3318

■ 10.4645, 0.2598,
0.3332

■ 73.4534, 0.2847,
0.3316

■ 5.7080, 0.2485,
0.3336

■ 96.5832, 0.2871,
0.3314

■ 2.6684, 0.2309,
0.3340

■ 124.1207, 0.2892,
0.3313

■ 0.9611, 0.1912,
0.3374

156.4501, 0.2909,
0.3311

■ 0.0000, 0.0000,
0.0000

193.9559, 0.2924,

0.3310

237.0226, 0.2937,
0.3309

■ 26.6656, 0.2737,
0.3324

■ 26.6656, 0.2737,
0.3324

■ 25.8103, 0.2623,
0.3337

■ 27.6818, 0.2864,
0.3311

■ 25.1045, 0.2524,
0.3352

■ 28.8632, 0.3000,
0.3300

■ 24.5403, 0.2441,
0.3366

■ 30.2181, 0.3144,
0.3289

■ 24.1079, 0.2377,
0.3381

■ 31.7533, 0.3292,
0.3279

■ 23.7959, 0.2330,
0.3396

■ 33.4749, 0.3442,
0.3270

■ 23.5915, 0.2302,
0.3411

■ 35.3892, 0.3591,
0.3263

■ 23.4662, 0.2287,
0.3426

■ 37.5018, 0.3739,
0.3256

■ 23.4531, 0.2285,
0.3427

■ 39.8183, 0.3883,
0.3250

■ 42.3439, 0.4023,
0.3246

Harmonies

Analogous

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



26.6656, 0.2938, 0.3562



26.6656, 0.2737, 0.3324



26.6656, 0.2640, 0.3088

Triad

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



26.6656, 0.2737, 0.3324



26.6656, 0.3042, 0.2902



26.6656, 0.3607, 0.3646

Complementary

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



26.6656, 0.2737, 0.3324



17.7759, 0.3711, 0.3257

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.



26.6656, 0.3641, 0.3458



26.6656, 0.2737, 0.3324



26.6656, 0.3307, 0.3039

Square

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



26.6656, 0.2737, 0.3324



26.6656, 0.2810, 0.2857



26.6656, 0.3530, 0.3238



26.6656, 0.3441, 0.3748

Rectangle

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



26.6656, 0.2737, 0.3324



26.6656, 0.2643, 0.2966



26.6656, 0.3530, 0.3238



26.6656, 0.3634, 0.3590

Sweetspot

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



26.6667, 0.2737, 0.3324



51.6164, 0.2996, 0.3300



25.7332, 0.3110, 0.4094



11.3729, 0.2977, 0.3301



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.



26.6667, 0.2737, 0.3324



46.6746, 0.2658, 0.3333



21.1037, 0.2685, 0.2935



6.5577, 0.2996, 0.3300



19.7386, 0.2285, 0.3426



0.2427, 0.2264, 0.3351

Inverse Universe

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



17.7759, 0.3711, 0.3257



27.9448, 0.3910, 0.3250



22.1840, 0.3650, 0.3620



5.8195, 0.3275, 0.3280



5.3917, 0.6332, 0.3262



0.0669, 0.6011, 0.3085

Previews

White Background



This preview shows how the Yxy color 26.6656, 0.2737, 0.3324 looks on a white background.

Color Contrast Check

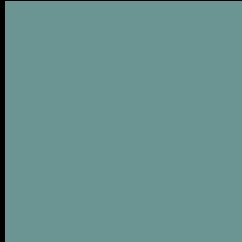
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6656, 0.2737, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

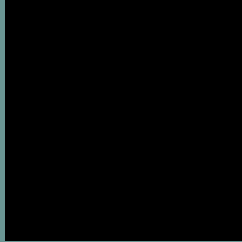
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6656, 0.2737, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 26.6656, 0.2737, 0.3324.



This preview shows how white text looks on a background with the Yxy color 26.6656, 0.2737, 0.3324.

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

26.6656, 0.2737, 0.3324

Protanopia

26.5488, 0.3140, 0.3257

Deuteranopia

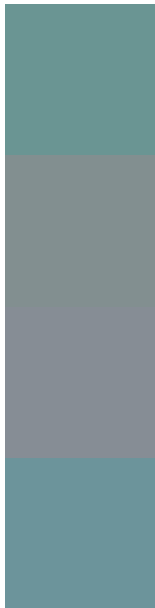
26.5774, 0.3137, 0.3084



Tritanopia

26.6219, 0.2663, 0.3083

Trichromacy



Original Color

26.6656, 0.2737, 0.3324

Protanomaly

26.4044, 0.2982, 0.3273

Deuteranomaly

26.2880, 0.2976, 0.3157

Tritanomaly

26.7345, 0.2688, 0.3168

Monochromacy



Original Color

26.6656, 0.2737, 0.3324

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 26.6656, 0.2737, 0.3324 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, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(106, 149, 147)  
}
```

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, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 149, 147) }
```

Border

The CSS property to change the border of an element to Yxy 26.6656, 0.2737, 0.3324 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, 149, 147) }
```

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

```
.border{ border-color:rgb(106, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(106, 149,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6656, 0.2737, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 149, 147) }
```

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

```
.background{ background-color: rgb(106,  
149, 147) }
```

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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