

Converting Colors

$Y_{xy}(27.5069, 0.2741, 0.3366)$

Have a look what the booklet for
Yxy(27.5069, 0.2741, 0.3366)
contains.

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Color

Yxy(27.6272, 0.2742, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	6A9893
RGB	106, 152, 147
RGB Percent	42%, 60%, 58%
CMY	0.5846, 0.4039, 0.4236
CMYK	0.30, 0.00, 0.03, 0.40
HSL	173°, 18%, 51%
HSV	173°, 30%, 60%
XYZ	22.4323, 27.6272, 31.7504
YIQ	137.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

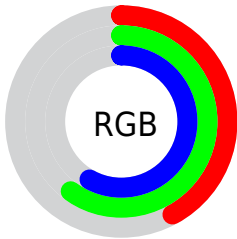
Format	Color
R_{YB}	106, 130, 152
Decimal	6985875
CIE _{Lab}	59.55, -16.66, -2.37
CIE _{LCh}	60, 16.823, 188.085
Yxy	27.6272, 0.2742, 0.3377
Android (android.graphics.Color)	4285175955 (0xFF6A9893)
YUV	137.6760, 4.5967, -27.7799
Hunter-Lab	52.5616, -15.8024, 0.9783

Details

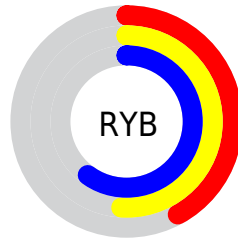
The Yxy color $27.6272, 0.2742, 0.3377$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.1189, 0.3711, 0.3207$, and the grayscale version is $25.2709, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7306, 0.2823, 0.3354$, and $11.0112, 0.2602, 0.3394$ is the 20% darker color. If you saturate the color by 10%, you get $26.7271, 0.2635, 0.3410$, and if you desaturate by 10%, it is $28.6954, 0.2861, 0.3346$.

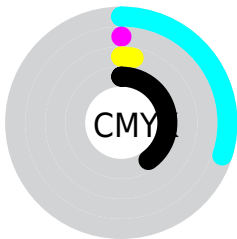
Distribution



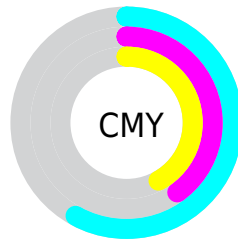
- Red (42%)
- Green (60%)
- Blue (58%)



- Red (42%)
- Yellow (51%)
- Blue (60%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)




- Cyan (58%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6272, 0.2742, 0.3377 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 27.6272, 0.2742, 0.3377 by changing the saturation by 10% instead.


 27.6272, 0.2742,
0.3377


 27.6272, 0.2742,
0.3377


290.6812, 0.2950,
0.3332


 18.0448, 0.2684,
0.3389


 55.8887, 0.2822,
0.3360

 10.9822, 0.2607,
0.3405


 75.3366, 0.2850,
0.3354

 6.0549, 0.2496,
0.3426

 98.8418, 0.2874,
0.3349

 2.8785, 0.2326,
0.3457

 126.7887, 0.2894,
0.3344

 1.0686, 0.1976,
0.3529

159.5617, 0.2911,
0.3340

 0.0000, 0.0000,
0.0000

197.5452, 0.2926,

0.3337

241.1236, 0.2939,
0.3334

■ 27.6272, 0.2742,
0.3377

■ 27.6272, 0.2742,
0.3377

■ 26.7271, 0.2635,
0.3410

■ 28.6954, 0.2861,
0.3346

■ 25.9829, 0.2543,
0.3445

■ 29.9363, 0.2988,
0.3317

■ 25.3863, 0.2468,
0.3481


■ 31.3588, 0.3123,
0.3291


■ 24.9267, 0.2410,
0.3517

■ 32.9697, 0.3261,
0.3267

■ 24.5921, 0.2371,
0.3554


■ 34.7760, 0.3402,
0.3246

 24.3685, 0.2349,
0.3591

 36.7839, 0.3542,
0.3227

 24.2234, 0.2341,
0.3626

 38.9996, 0.3680,
0.3210

 41.4290, 0.3814,
0.3196

 44.0775, 0.3945,
0.3183

Harmonies

Analogous

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



27.6272, 0.2973, 0.3624



27.6272, 0.2742, 0.3377



27.6272, 0.2615, 0.3116

Triad

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



27.6272, 0.2742, 0.3377



27.6272, 0.2984, 0.2857



27.6272, 0.3661, 0.3638

Complementary

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



27.6272, 0.2742, 0.3377



18.1189, 0.3711, 0.3207

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.



27.6272, 0.3668, 0.3425



27.6272, 0.2742, 0.3377



27.6272, 0.3267, 0.2987

Square

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



27.6272, 0.2742, 0.3377



27.6272, 0.2749, 0.2830



27.6272, 0.3522, 0.3190



27.6272, 0.3506, 0.3770

Rectangle

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



27.6272, 0.2742, 0.3377



27.6272, 0.2601, 0.2974



27.6272, 0.3522, 0.3190



27.6272, 0.3682, 0.3573

Sweetspot

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



27.6283, 0.2742, 0.3377



53.0975, 0.3003, 0.3314



26.9008, 0.3139, 0.4135



11.9956, 0.2986, 0.3318



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.



27.6283, 0.2742, 0.3377



47.7067, 0.2672, 0.3398



22.4756, 0.2668, 0.2971



7.0149, 0.3003, 0.3314



20.3089, 0.2340, 0.3624



0.3065, 0.2294, 0.3460

Inverse Universe

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



18.1189, 0.3711, 0.3207



28.3224, 0.3888, 0.3188



22.0317, 0.3698, 0.3587



6.2331, 0.3267, 0.3266



5.6325, 0.6236, 0.3209



0.0867, 0.5583, 0.2849

Previews

White Background



This preview shows how the Yxy color 27.6272, 0.2742, 0.3377 looks on a white background.

Color Contrast Check

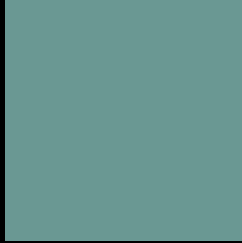
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6272, 0.2742, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

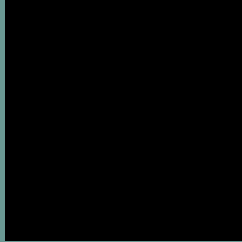
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6272, 0.2742, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 27.6272, 0.2742, 0.3377.



This preview shows how white text looks on a background with the Yxy color 27.6272, 0.2742, 0.3377.

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

27.6272, 0.2742, 0.3377

Protanopia

27.3801, 0.3180, 0.3306

Deuteranopia

27.5373, 0.3179, 0.3119



Tritanopia

27.6725, 0.2647, 0.3086

Trichromacy



Original Color

27.6272, 0.2742, 0.3377

Protanomaly

27.3662, 0.3002, 0.3340

Deuteranomaly

27.4348, 0.3007, 0.3208

Tritanomaly

27.7557, 0.2679, 0.3186

Monochromacy



Original Color

27.6272, 0.2742, 0.3377

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.0036, 0.2970, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6272, 0.2742, 0.3377 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, 152, 147)` looks like.

```
.text, #text, p{  
    color:rgb(106, 152, 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, 152, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 152, 147) }
```

Border

The CSS property to change the border of an element to Yxy 27.6272, 0.2742, 0.3377 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, 152, 147) }
```

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

```
.border{ border-color:rgb(106, 152, 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, 152, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 152, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 152, 147);  
box-shadow:4px 4px 4px 4px rgb(106, 152,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6272, 0.2742, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 152, 147) }
```

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

```
.background{ background-color: rgb(106,  
152, 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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