

Converting Colors

$Yxy(26.5709, 0.3083, 0.4263)$

Have a look what the booklet for
Yxy(26.5709, 0.3083, 0.4263)
contains.

Yxy(26.5468, 0.3091, 0.4269)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5468, 0.3091, 0.4269)

Conversions

Conversions Part 1

Format	Color
Hex	669965
RGB	102, 153, 101
RGB Percent	40%, 60%, 40%
CMY	0.5999, 0.4000, 0.6040
CMYK	0.33, 0.00, 0.34, 0.40
HSL	119°, 20%, 50%
HSV	119°, 34%, 60%
XYZ	19.2214, 26.5468, 16.4169
YIQ	131.8230, -13.7040, -26.9840

Conversions

Conversions Part 2

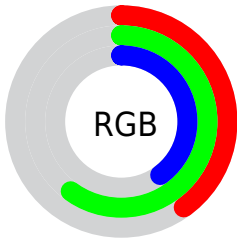
Format	Color
RYB	101, 153, 152
Decimal	6723941
CIELab	58.55, -27.86, 22.09
CIELCh	59, 35.557, 141.591
Yxy	26.5468, 0.3091, 0.4269
Android (android.graphics.Color)	4284914021 (0xFF669965)
YUV	131.8230, -15.1957, -26.1548
Hunter-Lab	51.5236, -23.5750, 17.1751

Details

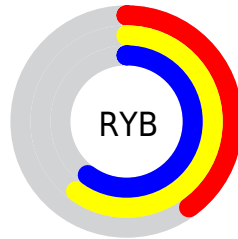
The Yxy color **26.5468, 0.3091, 0.4269** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.2731, 0.3152, 0.2468**, and the grayscale version is **23.0689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3473, 0.3113, 0.4053**, and **10.4898, 0.3049, 0.4697** is the 20% darker color. If you saturate the color by 10%, you get **25.4771, 0.3077, 0.4613**, and if you desaturate by 10%, it is **27.8330, 0.3104, 0.3945**.

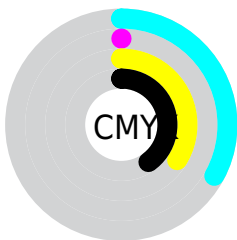
Distribution



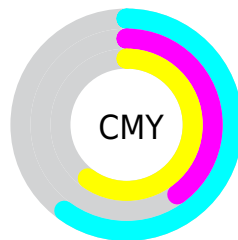
- Red (40%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)




- Cyan (60%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5468, 0.3091, 0.4269 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 26.5468, 0.3091, 0.4269 by changing the saturation by 10% instead.

 26.5468, 0.3091,
0.4269


 26.5468, 0.3091,
0.4269


285.4561, 0.3125,
0.3708


 17.2331, 0.3074,
0.4438


 54.1558, 0.3109,
0.4045


 10.4009, 0.3044,
0.4676


 73.2199, 0.3114,
0.3968

 5.6655, 0.2988,
0.5031

 96.3029, 0.3117,
0.3904

 2.6428, 0.2881,
0.5642

 123.7893, 0.3120,
0.3852

 0.9482, 0.1881,
0.8119

156.0634, 0.3122,
0.3807

 0.0000, 0.0000,
0.0000

193.5096, 0.3123,

0.3770

236.5124, 0.3125,
0.3737

■ 26.5468, 0.3091,
0.4269

■ 26.5468, 0.3091,
0.4269

■ 25.4771, 0.3077,
0.4613

■ 27.8330, 0.3104,
0.3945

■ 24.6088, 0.3061,
0.4961

■ 29.3430, 0.3115,
0.3649

■ 23.9304, 0.3046,
0.5292


■ 31.0881, 0.3124,
0.3386

■ 23.4276, 0.3031,
0.5579


■ 33.0776, 0.3132,
0.3156

■ 23.0842, 0.3018,
0.5798

■ 35.3204, 0.3138,
0.2955

 22.8811, 0.3008,
0.5936

 37.8252, 0.3143,
0.2783

 22.8021, 0.3005,
0.5996

 40.5998, 0.3148,
0.2634

 43.6521, 0.3151,
0.2507

 46.9894, 0.3154,
0.2397

Harmonies

Analogous

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



26.5468, 0.3671, 0.4376



26.5468, 0.3091, 0.4269



26.5468, 0.2549, 0.3798

Triad

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



26.5468, 0.3091, 0.4269



26.5468, 0.2178, 0.2407



26.5468, 0.4161, 0.3264

Complementary

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



26.5468, 0.3091, 0.4269



18.2731, 0.3152, 0.2468

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.



26.5468, 0.3683, 0.2837



26.5468, 0.3091, 0.4269



26.5468, 0.2530, 0.2361

Square

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



26.5468, 0.3091, 0.4269



26.5468, 0.2058, 0.2682



26.5468, 0.3071, 0.2518



26.5468, 0.4324, 0.3727

Rectangle

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



26.5468, 0.3091, 0.4269



26.5468, 0.2280, 0.3385



26.5468, 0.3071, 0.2518



26.5468, 0.4030, 0.3114

Sweetspot

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



26.5479, 0.3091, 0.4269



53.6889, 0.3118, 0.3545



29.9299, 0.3633, 0.4088



11.7687, 0.3117, 0.3580



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.



26.5479, 0.3091, 0.4269



46.0157, 0.3080, 0.4537



27.0347, 0.2878, 0.3801



6.9313, 0.3119, 0.3519



18.8477, 0.3006, 0.5995



0.2832, 0.3036, 0.5971

Inverse Universe

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



18.2731, 0.3152, 0.2468



28.8272, 0.3157, 0.2287



17.6529, 0.3487, 0.2833



6.3173, 0.3134, 0.3070



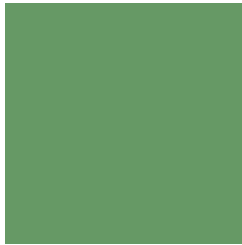
7.2538, 0.3160, 0.1514



0.1102, 0.3183, 0.1527

Previews

White Background



This preview shows how the Yxy color 26.5468, 0.3091, 0.4269 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 26.5468, 0.3091, 0.4269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

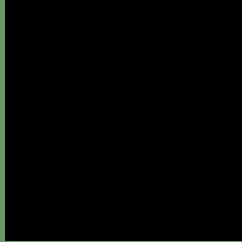
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5468, 0.3091, 0.4269

Background



This preview shows how black text looks on a background with the Yxy color 26.5468, 0.3091, 0.4269.



This preview shows how white text looks on a background with the Yxy color 26.5468, 0.3091, 0.4269.

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

26.5468, 0.3091, 0.4269

Protanopia

26.2761, 0.3727, 0.4008

Deuteranopia

26.0694, 0.3818, 0.3743



Tritanopia

26.5371, 0.2703, 0.3084

Trichromacy



Original Color

26.5468, 0.3091, 0.4269

Protanomaly

26.2010, 0.3473, 0.4106

Deuteranomaly

25.8000, 0.3521, 0.3919

Tritanomaly

26.5522, 0.2846, 0.3504

Monochromacy



Original Color

26.5468, 0.3091, 0.4269

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.2016, 0.3111, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5468, 0.3091, 0.4269 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(102, 153, 101)` looks like.

```
.text, #text, p{  
    color:rgb(102, 153, 101)  
}
```

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(102, 153, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 153, 101) }
```

Border

The CSS property to change the border of an element to Yxy 26.5468, 0.3091, 0.4269 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(102, 153, 101) }
```

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

```
.border{ border-color:rgb(102, 153, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 153, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 153, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 153, 101);  
box-shadow:4px 4px 4px 4px rgb(102, 153,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5468, 0.3091, 0.4269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 153, 101) }
```

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

```
.background{ background-color: rgb(102,  
153, 101) }
```

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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