

Converting Colors

$Yxy(29.0864, 0.3142, 0.3719)$

Have a look what the booklet for
Yxy(29.0864, 0.3142, 0.3719)
contains.

Yxy(29.1401, 0.3146, 0.3730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.1401, 0.3146, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	83997F
RGB	131, 153, 127
RGB Percent	51%, 60%, 50%
CMY	0.4864, 0.3999, 0.5020
CMYK	0.14, 0.00, 0.17, 0.40
HSL	111°, 11%, 55%
HSV	111°, 17%, 60%
XYZ	24.5777, 29.1401, 24.4058
YIQ	143.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

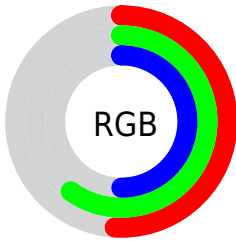
Format	Color
R_{YB}	127, 153, 149
Decimal	8624511
CIE _{Lab}	60.91, -12.94, 11.10
CIE _{LCh}	61, 17.053, 139.370
Yxy	29.1401, 0.3146, 0.3730
Android (android.graphics.Color)	4286814591 (0xFF83997F)
YUV	143.4580, -8.1138, -10.9257
Hunter-Lab	53.9816, -13.1971, 10.9813

Details

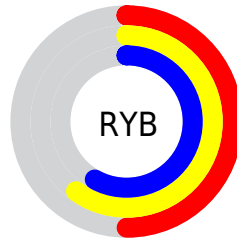
The Yxy color $29.1401, 0.3146, 0.3730$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $23.8714, 0.3101, 0.2876$, and the grayscale version is $27.6935, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1113, 0.3141, 0.3628$, and $11.8021, 0.3141, 0.3894$ is the 20% darker color. If you saturate the color by 10%, you get $27.8012, 0.3154, 0.4027$, and if you desaturate by 10%, it is $30.6717, 0.3135, 0.3461$.

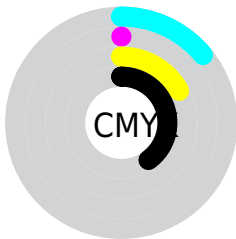
Distribution



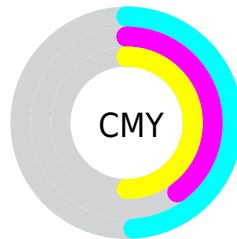
- Red (51%)
- Green (60%)
- Blue (50%)



- Red (50%)
- Yellow (60%)
- Blue (58%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)
- Black (40%)





- Cyan (49%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1401, 0.3146, 0.3730 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 29.1401, 0.3146, 0.3730 by changing the saturation by 10% instead.


 29.1401, 0.3146,
0.3730

 29.1401, 0.3146,
0.3730


297.8754, 0.3139,
0.3487

 19.1868, 0.3147,
0.3800


 58.2996, 0.3144,
0.3635

 11.8054, 0.3147,
0.3895


 78.2746, 0.3143,
0.3602

 6.6113, 0.3145,
0.4035


 102.3590, 0.3142,
0.3574

 3.2202, 0.3136,
0.4257

130.9372, 0.3141,
0.3551

 1.2478, 0.3177,
0.4767

164.3935, 0.3141,
0.3532

 0.1002, 0.0000,
1.0000

203.1124, 0.3140,

 0.0000, 0.0000,

0.3515

0.0000

247.4782, 0.3139,
0.3500

■ 29.1401, 0.3146,
0.3730

■ 29.1401, 0.3146,
0.3730

■ 27.8012, 0.3154,
0.4027

■ 30.6717, 0.3135,
0.3461

■ 26.6436, 0.3158,
0.4348

■ 32.3993, 0.3123,
0.3221

■ 25.6608, 0.3157,
0.4682

■ 34.3308, 0.3111,
0.3010

■ 24.8441, 0.3149,
0.5015

■ 36.4727, 0.3097,
0.2826

■ 24.1841, 0.3135,
0.5326

■ 38.8310, 0.3084,
0.2665

■ 23.6705, 0.3113,
0.5592

■ 41.4116, 0.3072,
0.2525

■ 23.2919, 0.3086,
0.5795

■ 44.2202, 0.3060,
0.2403

■ 23.0329, 0.3056,
0.5927

■ 47.2621, 0.3048,
0.2297

■ 22.9729, 0.3050,
0.5960

■ 49.9016, 0.3112,
0.2283

Harmonies

Analogous

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



29.1401, 0.3417, 0.3786



29.1401, 0.3146, 0.3730



29.1401, 0.2878, 0.3538

Triad

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



29.1401, 0.3146, 0.3730



29.1401, 0.2654, 0.2874



29.1401, 0.3591, 0.3278

Complementary

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



29.1401, 0.3146, 0.3730



23.8714, 0.3101, 0.2876

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.



29.1401, 0.3370, 0.3058



29.1401, 0.3146, 0.3730



29.1401, 0.2829, 0.2829

Square

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



29.1401, 0.3146, 0.3730



29.1401, 0.2602, 0.3032



29.1401, 0.3089, 0.2897



29.1401, 0.3682, 0.3510

Rectangle

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



29.1401, 0.3146, 0.3730



29.1401, 0.2736, 0.3365



29.1401, 0.3089, 0.2897



29.1401, 0.3529, 0.3200

Sweetspot

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



29.1413, 0.3146, 0.3730



55.4811, 0.3133, 0.3413



29.6984, 0.3386, 0.3634



12.2086, 0.3134, 0.3429



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.



29.1413, 0.3146, 0.3730



51.3279, 0.3149, 0.3828



29.0664, 0.3028, 0.3583



6.9686, 0.3138, 0.3518



18.9932, 0.3053, 0.5958



0.2941, 0.3255, 0.5797

Inverse Universe

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



23.8714, 0.3101, 0.2876



40.2716, 0.3095, 0.2790



23.9751, 0.3242, 0.3014



6.2759, 0.3114, 0.3069



5.8121, 0.2835, 0.1335



0.0982, 0.3014, 0.1434

Previews

White Background



This preview shows how the Yxy color 29.1401, 0.3146, 0.3730 looks on a white background.

Color Contrast Check

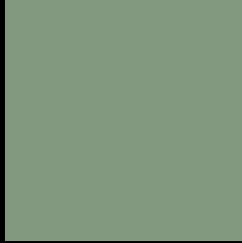
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1401, 0.3146, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

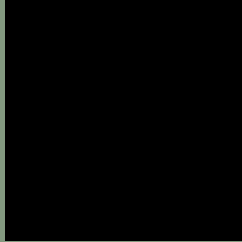
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

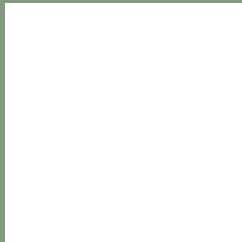
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.1401, 0.3146, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 29.1401, 0.3146, 0.3730.



This preview shows how white text looks on a background with the Yxy color 29.1401, 0.3146, 0.3730.

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

29.1401, 0.3146, 0.3730

Protanopia

28.8830, 0.3434, 0.3641

Deuteranopia

28.8502, 0.3542, 0.3473



Tritanopia

28.9521, 0.2898, 0.3098

Trichromacy



Original Color

29.1401, 0.3146, 0.3730

Protanomaly

29.0866, 0.3329, 0.3681

Deuteranomaly

28.6793, 0.3395, 0.3561

Tritanomaly

29.0191, 0.2986, 0.3322

Monochromacy



Original Color

29.1401, 0.3146, 0.3730

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.1625, 0.3140, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1401, 0.3146, 0.3730 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, 153, 127)` looks like.

```
.text, #text, p{  
    color:rgb(131, 153, 127)  
}
```

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, 153, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 153, 127) }
```

Border

The CSS property to change the border of an element to Yxy 29.1401, 0.3146, 0.3730 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, 153, 127) }
```

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

```
.border{ border-color:rgb(131, 153, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 153, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 153, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 153, 127); box-shadow:4px 4px 4px 4px rgb(131, 153, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1401, 0.3146, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 153, 127) }
```

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

```
.background{ background-color: rgb(131,  
153, 127) }
```

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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