

Converting Colors

$Y_{xy}(17.8900, 0.3139, 0.3986)$

Have a look what the booklet for
Yxy(17.8900, 0.3139, 0.3986)
contains.

Yxy(17.9267, 0.3141, 0.3996)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.9267, 0.3141, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	607D5C
RGB	96, 125, 92
RGB Percent	38%, 49%, 36%
CMY	0.6234, 0.5098, 0.6392
CMYK	0.23, 0.00, 0.26, 0.51
HSL	113°, 15%, 43%
HSV	113°, 26%, 49%
XYZ	14.0910, 17.9267, 12.8439
YIQ	112.5670, -6.6910, -16.4110

Conversions

Conversions Part 2

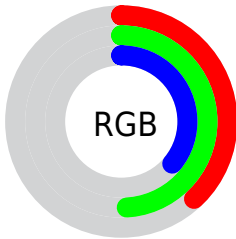
Format	Color
R_{YB}	92, 125, 121
Decimal	6323548
CIE _{Lab}	49.41, -17.30, 14.68
CIE _{LCh}	49, 22.690, 139.671
Yxy	17.9267, 0.3141, 0.3996
Android (android.graphics.Color)	4284513628 (0xFF607D5C)
YUV	112.5670, -10.1395, -14.5293
Hunter-Lab	42.3399, -14.6888, 11.6522

Details

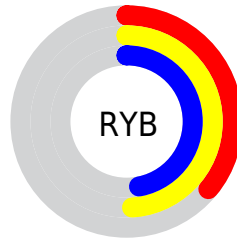
The Yxy color **17.9267, 0.3141, 0.3996** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.1997, 0.3098, 0.2653**, and the grayscale version is **16.4123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9968, 0.3145, 0.3831**, and **6.0191, 0.3130, 0.4336** is the 20% darker color. If you saturate the color by 10%, you get **17.1719, 0.3141, 0.4311**, and if you desaturate by 10%, it is **18.8023, 0.3137, 0.3705**.

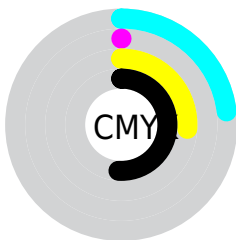
Distribution



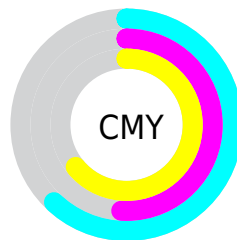
- Red (38%)
- Green (49%)
- Blue (36%)



- Red (36%)
- Yellow (49%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (26%)
- Black (51%)




- Cyan (62%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9267, 0.3141, 0.3996 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 17.9267, 0.3141, 0.3996 by changing the saturation by 10% instead.


 17.9267, 0.3141,
0.3996


 17.9267, 0.3141,
0.3996


240.4576, 0.3140,
0.3574


 10.8974, 0.3136,
0.4135


 39.9124, 0.3143,
0.3821


 5.9979, 0.3125,
0.4340

 55.6375, 0.3143,
0.3762

 2.8438, 0.3097,
0.4674

 75.0301, 0.3143,
0.3715

 1.0507, 0.3289,
0.6089

 98.4744, 0.3143,
0.3677

 0.0000, 0.0000,
0.0000

126.3549, 0.3142,
0.3645

159.0560, 0.3141,

0.3617

196.9621, 0.3141,
0.3594

■ 17.9267, 0.3141,
0.3996

■ 17.9267, 0.3141,
0.3996

■ 17.1719, 0.3141,
0.4311

■ 18.8023, 0.3137,
0.3705

■ 16.5304, 0.3138,
0.4641

■ 19.8012, 0.3132,
0.3443

■ 15.9974, 0.3129,
0.4972

■ 20.9289, 0.3124,
0.3209

■ 15.5668, 0.3115,
0.5285

■ 22.1897, 0.3116,
0.3004

■ 15.2320, 0.3095,
0.5559

■ 23.5877, 0.3108,
0.2824

■ 14.9855, 0.3071,
0.5772

■ 25.1270, 0.3099,
0.2668

■ 14.8168, 0.3048,
0.5919

■ 26.8114, 0.3090,
0.2532

■ 14.7700, 0.3043,
0.5966

■ 28.6444, 0.3082,
0.2413

■ 30.6298, 0.3074,
0.2310

Harmonies

Analogous

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



17.9267, 0.3565, 0.4073



17.9267, 0.3141, 0.3996



17.9267, 0.2731, 0.3680

Triad

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



17.9267, 0.3141, 0.3996



17.9267, 0.2406, 0.2644



17.9267, 0.3860, 0.3262

Complementary

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



17.9267, 0.3141, 0.3996



13.1997, 0.3098, 0.2653

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.



17.9267, 0.3508, 0.2936



17.9267, 0.3141, 0.3996



17.9267, 0.2666, 0.2589

Square

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



17.9267, 0.3141, 0.3996



17.9267, 0.2326, 0.2873



17.9267, 0.3064, 0.2697



17.9267, 0.3999, 0.3613

Rectangle

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



17.9267, 0.3141, 0.3996



17.9267, 0.2519, 0.3396



17.9267, 0.3064, 0.2697



17.9267, 0.3762, 0.3147

Sweetspot

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



17.9275, 0.3141, 0.3996



35.1218, 0.3133, 0.3488



18.7101, 0.3526, 0.3840



7.9344, 0.3134, 0.3521



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.9275, 0.3141, 0.3996



31.2176, 0.3142, 0.4195



17.9439, 0.2967, 0.3736



4.8419, 0.3133, 0.3511



15.4142, 0.3042, 0.5966



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.1997, 0.3098, 0.2653



21.1676, 0.3088, 0.2496



13.2052, 0.3332, 0.2883



4.3867, 0.3119, 0.3076



4.9890, 0.2913, 0.1379



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.9267, 0.3141, 0.3996 looks on a white 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

Black Background



This preview shows how the Yxy color 17.9267, 0.3141, 0.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

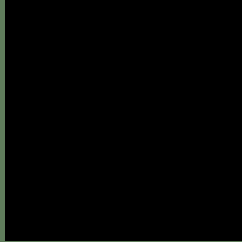
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9267, 0.3141, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 17.9267, 0.3141, 0.3996.



This preview shows how white text looks on a background with the Yxy color 17.9267, 0.3141, 0.3996.

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

17.9267, 0.3141, 0.3996

Protanopia

17.7871, 0.3592, 0.3853

Deuteranopia

17.8707, 0.3675, 0.3624



Tritanopia

17.8694, 0.2807, 0.3091

Trichromacy



Original Color

17.9267, 0.3141, 0.3996

Protanomaly

17.7316, 0.3416, 0.3919

Deuteranomaly

17.5957, 0.3462, 0.3744

Tritanomaly

17.8893, 0.2931, 0.3413

Monochromacy



Original Color

17.9267, 0.3141, 0.3996

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.8683, 0.3141, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9267, 0.3141, 0.3996 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(96, 125, 92) looks like.

```
.text, #text, p{  
    color:rgb(96, 125, 92)  
}
```

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(96, 125, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 125, 92) }
```

Border

The CSS property to change the border of an element to Yxy 17.9267, 0.3141, 0.3996 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(96, 125, 92) }
```

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

```
.border{ border-color:rgb(96, 125, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 125, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 125, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 125, 92);  
box-shadow:4px 4px 4px 4px rgb(96, 125,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9267, 0.3141, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 125, 92) }
```

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

```
.background{ background-color: rgb(96, 125,  
92) }
```

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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