

Converting Colors

$Yxy(14.1187, 0.2781, 0.4989)$

Have a look what the booklet for
Yxy(14.1187, 0.2781, 0.4989)
contains.

Yxy(14.1187, 0.2781, 0.4989)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.1187, 0.2781, 0.4989)

Conversions

Conversions Part 1

Format	Color
Hex	13793A
RGB	19, 121, 58
RGB Percent	7%, 47%, 23%
CMY	0.9252, 0.5255, 0.7726
CMYK	0.84, 0.00, 0.52, 0.53
HSL	143°, 73%, 27%
HSV	143°, 84%, 47%
XYZ	7.8701, 14.1187, 6.3108
YIQ	83.3200, -40.5690, -41.2170

Conversions

Conversions Part 2

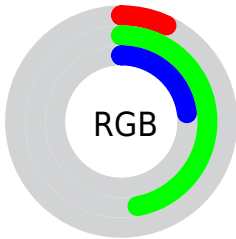
Format	Color
R_{YB}	19, 93, 121
Decimal	1276218
CIE _{Lab}	44.40, -42.43, 26.74
CIE _{LCh}	44, 50.151, 147.775
Yxy	14.1187, 0.2781, 0.4989
Android (android.graphics.Color)	4279466298 (0xFF13793A)
YUV	83.3200, -12.4828, -56.4086
Hunter-Lab	37.5749, -28.3688, 16.3444

Details

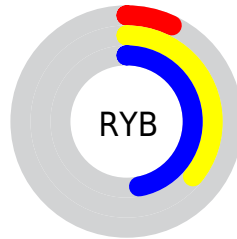
The Yxy color **14.1187, 0.2781, 0.4989** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5.1432, 0.4145, 0.2210**, and the grayscale version is **8.7546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1517, 0.2904, 0.4519**, and **4.5330, 0.2917, 0.5700** is the 20% darker color. If you saturate the color by 10%, you get **13.9545, 0.2799, 0.5200**, and if you desaturate by 10%, it is **14.3558, 0.2779, 0.4764**.

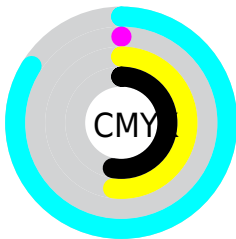
Distribution



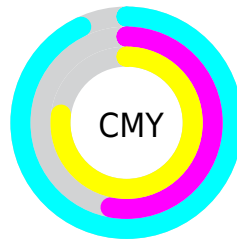
- Red (7%)
- Green (47%)
- Blue (23%)



- Red (7%)
- Yellow (36%)
- Blue (47%)



- Cyan (84%)
- Magenta (0%)
- Yellow (52%)
- Black (53%)





- Cyan (93%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1187, 0.2781, 0.4989 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 14.1187, 0.2781, 0.4989 by changing the saturation by 10% instead.


 14.1187, 0.2781,
0.4989


 14.1187, 0.2781,
0.4989


217.9680, 0.3029,
0.3904


 8.2033, 0.2668,
0.5386


 33.2995, 0.2900,
0.4515


 4.2253, 0.2469,
0.6003

 47.3336, 0.2935,
0.4364

 1.8004, 0.2104,
0.7896

 64.8428, 0.2961,
0.4245

 0.4874, 0.0000,
1.0000

 86.2114, 0.2981,
0.4150

 0.0000, 0.0000,
0.0000

 111.8239, 0.2997,
0.4072

 142.0645, 0.3009,

0.4007

177.3178, 0.3020,
0.3952

■ 14.1187, 0.2781,
0.4989

■ 14.1187, 0.2781,
0.4989

■ 13.9545, 0.2799,
0.5200

■ 14.3558, 0.2779,
0.4764

■ 13.8737, 0.2810,
0.5315

■ 14.6744, 0.2794,
0.4533

■ 15.0828, 0.2824,
0.4304

■ 15.5875, 0.2866,
0.4083

■ 16.1946, 0.2918,
0.3875

■ 16.9094, 0.2975,
0.3683

■ 17.7370, 0.3037,
0.3509

■ 18.6823, 0.3100,
0.3351

■ 19.7496, 0.3164,
0.3212

Harmonies

Analogous

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



14.1187, 0.3728, 0.5201



14.1187, 0.2781, 0.4989



14.1187, 0.1979, 0.3954

Triad

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



14.1187, 0.2781, 0.4989



14.1187, 0.1700, 0.1829



14.1187, 0.5026, 0.3298

Complementary

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



14.1187, 0.2781, 0.4989



5.1432, 0.4145, 0.2210

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.



14.1187, 0.4283, 0.2658



14.1187, 0.2781, 0.4989



14.1187, 0.2283, 0.1856

Square

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



14.1187, 0.2781, 0.4989



14.1187, 0.1454, 0.2118



14.1187, 0.3211, 0.2148



14.1187, 0.5096, 0.3998

Rectangle

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



14.1187, 0.2781, 0.4989



14.1187, 0.1637, 0.3164



14.1187, 0.3211, 0.2148



14.1187, 0.4846, 0.3076

Sweetspot

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



14.1193, 0.2781, 0.4989



30.0917, 0.2967, 0.3709



15.5896, 0.3618, 0.5332



6.7955, 0.2950, 0.3762



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.1193, 0.2781, 0.4989



24.8180, 0.2822, 0.5359



14.8841, 0.2383, 0.3626



4.4729, 0.3069, 0.3425



14.8656, 0.2811, 0.5320



70.7555, 0.2837, 0.5414

Inverse Universe

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



5.1432, 0.4145, 0.2210



8.1561, 0.4448, 0.2224



4.6407, 0.5631, 0.3115



4.0528, 0.3190, 0.3159



4.8955, 0.4416, 0.2206



23.1820, 0.4496, 0.2250

Previews

White Background



This preview shows how the Yxy color 14.1187, 0.2781, 0.4989 looks on a white background.

Color Contrast Check

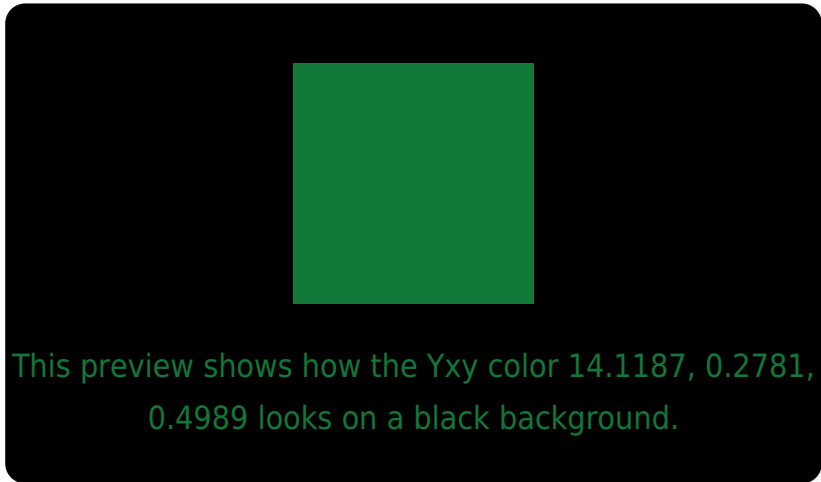
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

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

Yxy 14.1187, 0.2781, 0.4989

Background



This preview shows how black text looks on a background with the Yxy color 14.1187, 0.2781, 0.4989.



This preview shows how white text looks on a background with the Yxy color 14.1187, 0.2781, 0.4989.

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

14.1187, 0.2781, 0.4989

Protanopia

13.9959, 0.3980, 0.4371

Deuteranopia

13.9853, 0.4077, 0.4014



Tritanopia

14.1428, 0.2374, 0.3078

Trichromacy



Original Color

14.1187, 0.2781, 0.4989

Protanomaly

13.3407, 0.3382, 0.4672

Deuteranomaly

13.1368, 0.3435, 0.4412

Tritanomaly

14.0548, 0.2518, 0.3746

Monochromacy



Original Color

14.1187, 0.2781, 0.4989

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

10.0045, 0.2903, 0.3939

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1187, 0.2781, 0.4989 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(19, 121, 58)` looks like.

```
.text, #text, p{  
    color:rgb(19, 121, 58)  
}
```

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(19, 121, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 121, 58) }
```

Border

The CSS property to change the border of an element to Yxy 14.1187, 0.2781, 0.4989 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(19, 121, 58) }
```

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

```
.border{ border-color:rgb(19, 121, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 121, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 121, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 121, 58);  
box-shadow:4px 4px 4px 4px rgb(19, 121,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1187, 0.2781, 0.4989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 121, 58) }
```

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

```
.background{ background-color: rgb(19, 121,  
58) }
```

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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