

Converting Colors

$Y_{xy}(17.0720, 0.3145, 0.2734)$

Have a look what the booklet for
Yxy(17.0720, 0.3145, 0.2734)
contains.

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Color

Yxy(17.1150, 0.3153, 0.2746)

Conversions

Conversions Part 1

Format	Color
Hex	886988
RGB	136, 105, 136
RGB Percent	53%, 41%, 53%
CMY	0.4666, 0.5883, 0.4667
CMYK	0.00, 0.23, 0.00, 0.47
HSL	300°, 13%, 47%
HSV	300°, 23%, 53%
XYZ	19.6517, 17.1150, 25.5603
YIQ	117.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

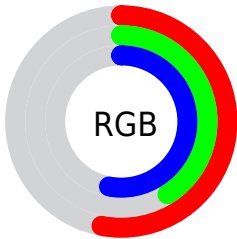
Format	Color
R_{YB}	136, 105, 136
Decimal	8939912
CIE _{Lab}	48.40, 18.05, -12.33
CIE _{LCh}	48, 21.864, 325.658
Yxy	17.1150, 0.3153, 0.2746
Android (android.graphics.Color)	4287129992 (0xFF886988)
YUV	117.8030, 8.9711, 15.9588
Hunter-Lab	41.3703, 12.3931, -7.6727

Details

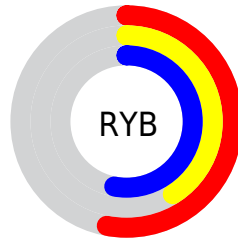
The Yxy color $17.1150, 0.3153, 0.2746$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $21.6384, 0.3098, 0.3901$, and the grayscale version is $18.0223, 0.3127, 0.3290$.

A 20% lighter version of the original color is $38.3982, 0.3157, 0.2865$, and $5.5766, 0.3163, 0.2527$ is the 20% darker color. If you saturate the color by 10%, you get $14.5628, 0.3164, 0.2508$, and if you desaturate by 10%, it is $20.1119, 0.3142, 0.2987$.

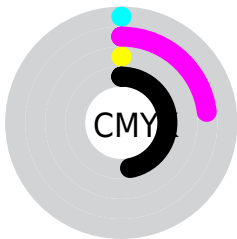
Distribution



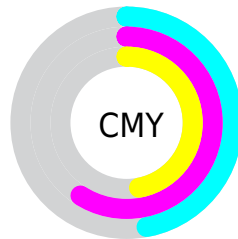
- Red (53%)
- Green (41%)
- Blue (53%)



- Red (53%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (47%)





- Cyan (47%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1150, 0.3153, 0.2746 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 17.1150, 0.3153, 0.2746 by changing the saturation by 10% instead.


 17.1150, 0.3153,
0.2746


 17.1150, 0.3153,
0.2746


235.8342, 0.3143,
0.3051


 10.3165, 0.3154,
0.2656


 38.5234, 0.3150,
0.2866


 5.6093, 0.3153,
0.2532


 53.9021, 0.3149,
0.2908

 2.6090, 0.3149,
0.2347

 72.9097, 0.3148,
0.2943

 0.9312, 0.3130,
0.2048

 95.9305, 0.3146,
0.2972

 0.0000, 0.2894,
0.0000

123.3490, 0.3145,
0.2996

 0.0000, 0.0000,
0.0000

155.5495, 0.3144,

0.3017

192.9164, 0.3144,
0.3035

■ 17.1150, 0.3153,
0.2746

■ 17.1150, 0.3153,
0.2746

■ 14.5628, 0.3164,
0.2508

■ 20.1119, 0.3142,
0.2987

■ 12.4321, 0.3175,
0.2281

■ 23.5709, 0.3130,
0.3225

■ 10.7008, 0.3185,
0.2073


■ 27.5113, 0.3119,
0.3453

■ 9.3441, 0.3194,
0.1893


■ 31.9503, 0.3109,
0.3669

■ 8.3344, 0.3201,
0.1748


■ 36.9048, 0.3100,
0.3871

 7.6401, 0.3206,
0.1643

 42.3904, 0.3091,
0.4057

 7.2240, 0.3209,
0.1577

 48.4222, 0.3083,
0.4228

 7.0116, 0.3211,
0.1543

 55.0149, 0.3075,
0.4383

 62.1824, 0.3069,
0.4523

Harmonies

Analogous

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



17.1150, 0.2745, 0.2612



17.1150, 0.3153, 0.2746



17.1150, 0.3580, 0.3002

Triad

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



17.1150, 0.3153, 0.2746



17.1150, 0.3820, 0.3948



17.1150, 0.2416, 0.3171

Complementary

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



17.1150, 0.3153, 0.2746



21.6384, 0.3098, 0.3901

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.



17.1150, 0.2671, 0.3591



17.1150, 0.3153, 0.2746



17.1150, 0.3478, 0.4061

Square

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



17.1150, 0.3153, 0.2746



17.1150, 0.3978, 0.3673



17.1150, 0.3056, 0.3934



17.1150, 0.2343, 0.2825

Rectangle

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



17.1150, 0.3153, 0.2746



17.1150, 0.3808, 0.3218



17.1150, 0.3056, 0.3934



17.1150, 0.2482, 0.3309

Sweetspot

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



17.1157, 0.3153, 0.2746



38.7764, 0.3135, 0.3122



14.8830, 0.2757, 0.2678



8.9128, 0.3136, 0.3111



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



17.1157, 0.3153, 0.2746



27.9097, 0.3158, 0.2632



16.7066, 0.3356, 0.3010



5.1289, 0.3137, 0.3075



6.6337, 0.3211, 0.1543



0.0441, 0.3210, 0.1542

Inverse Universe

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



17.1157, 0.3153, 0.2746



27.9097, 0.3158, 0.2632



21.9866, 0.2947, 0.3589



5.1289, 0.3137, 0.3075



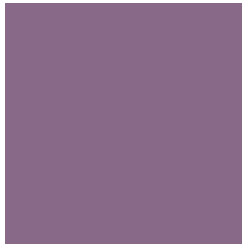
6.6337, 0.3211, 0.1543



0.0441, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 17.1150, 0.3153, 0.2746 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 17.1150, 0.3153, 0.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

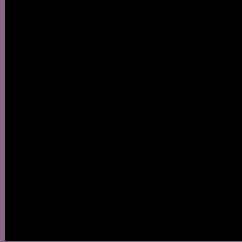
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1150, 0.3153, 0.2746

Background



This preview shows how black text looks on a background with the Yxy color 17.1150, 0.3153, 0.2746.



This preview shows how white text looks on a background with the Yxy color 17.1150, 0.3153, 0.2746.

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

17.1150, 0.3153, 0.2746

Protanopia

17.2388, 0.2755, 0.2760

Deuteranopia

17.1195, 0.2921, 0.2857



Tritanopia

16.9960, 0.3355, 0.3125

Trichromacy



Original Color

17.1150, 0.3153, 0.2746

Protanomaly

17.1843, 0.2889, 0.2754

Deuteranomaly

16.9716, 0.3007, 0.2811

Tritanomaly

17.0390, 0.3278, 0.2982

Monochromacy



Original Color

17.1150, 0.3153, 0.2746

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.6509, 0.3138, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1150, 0.3153, 0.2746 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(136, 105, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 105, 136)  
}
```

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(136, 105, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 105, 136) }
```

Border

The CSS property to change the border of an element to Yxy 17.1150, 0.3153, 0.2746 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(136, 105, 136) }
```

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

```
.border{ border-color:rgb(136, 105, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 105, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 105, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 105, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 105,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1150, 0.3153, 0.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 105, 136) }
```

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

```
.background{ background-color: rgb(136,  
105, 136) }
```

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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