

Converting Colors

$Y_{xy}(17.6061, 0.3950, 0.2730)$

Have a look what the booklet for
Yxy(17.6061, 0.3950, 0.2730)
contains.

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Color

Yxy(17.7200, 0.3953, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	B3567D
RGB	179, 86, 125
RGB Percent	70%, 34%, 49%
CMY	0.2980, 0.6627, 0.5098
CMYK	0.00, 0.52, 0.30, 0.30
HSL	335°, 38%, 52%
HSV	335°, 52%, 70%
XYZ	25.6208, 17.7200, 21.4727
YIQ	118.2530, 42.9090, 31.8450

Conversions

Conversions Part 2

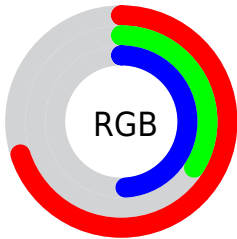
Format	Color
R_{YB}	179, 86, 125
Decimal	11753085
CIE _{Lab}	49.15, 42.15, -4.08
CIE _{LCh}	49, 42.347, 354.473
Yxy	17.7200, 0.3953, 0.2734
Android (android.graphics.Color)	4289943165 (0xFFB3567D)
YUV	118.2530, 3.3263, 53.2751
Hunter-Lab	42.0951, 34.9757, -0.7772

Details

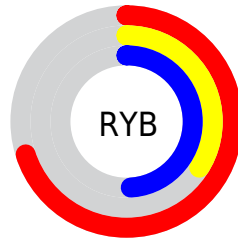
The Yxy color **17.7200, 0.3953, 0.2734** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **36.1141, 0.2705, 0.3956**, and the grayscale version is **18.1800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6841, 0.3757, 0.2857**, and **5.8768, 0.4299, 0.2515** is the 20% darker color. If you saturate the color by 10%, you get **14.9596, 0.4206, 0.2651**, and if you desaturate by 10%, it is **21.2257, 0.3732, 0.2836**.

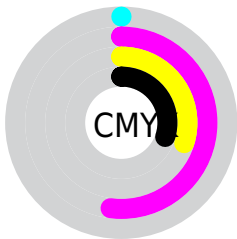
Distribution



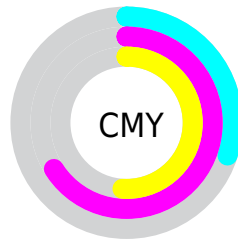
- Red (70%)
- Green (34%)
- Blue (49%)



- Red (70%)
- Yellow (34%)
- Blue (49%)



- Cyan (0%)
- Magenta (52%)
- Yellow (30%)
- Black (30%)




- Cyan (30%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7200, 0.3953, 0.2734 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 17.7200, 0.3953, 0.2734 by changing the saturation by 10% instead.


 17.7200, 0.3953,
0.2734


 17.7200, 0.3953,
0.2734


239.2881, 0.3480,
0.3048


 10.7492, 0.4097,
0.2641


 39.5596, 0.3764,
0.2858


 5.8984, 0.4299,
0.2512


 55.1972, 0.3698,
0.2901

 2.7834, 0.4607,
0.2321

 74.4925, 0.3645,
0.2937

 1.0197, 0.5121,
0.2011

 97.8298, 0.3600,
0.2966

 0.0000, 0.8374,
0.0000

 125.5937, 0.3563,
0.2991

 0.0000, 0.0000,
0.0000

158.1684, 0.3531,

0.3013

195.9384, 0.3504,
0.3031

■ 17.7200, 0.3953,
0.2734

■ 17.7200, 0.3953,
0.2734

■ 14.9596, 0.4206,
0.2651

■ 21.2257, 0.3732,
0.2836

■ 12.8865, 0.4485,
0.2598

■ 25.5238, 0.3543,
0.2946

■ 11.4385, 0.4779,
0.2587

■ 30.6604, 0.3385,
0.3058

■ 10.5404, 0.5070,
0.2628

■ 36.6775, 0.3254,
0.3167

■ 10.0932, 0.5293,
0.2690

■ 43.6141, 0.3146,
0.3271

■ 51.5069, 0.3057,
0.3367

■ 60.3907, 0.2984,
0.3457

■ 70.2984, 0.2923,
0.3539

■ 81.2614, 0.2873,
0.3614

Harmonies

Analogous

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



17.7200, 0.3115, 0.2316



17.7200, 0.3953, 0.2734



17.7200, 0.4580, 0.3276

Triad

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



17.7200, 0.3953, 0.2734



17.7200, 0.3744, 0.4780



17.7200, 0.1739, 0.2409

Complementary

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



17.7200, 0.3953, 0.2734



36.1141, 0.2705, 0.3956

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.



17.7200, 0.1854, 0.3037



17.7200, 0.3953, 0.2734



17.7200, 0.2971, 0.4629

Square

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



17.7200, 0.3953, 0.2734



17.7200, 0.4395, 0.4429



17.7200, 0.2281, 0.3909



17.7200, 0.1919, 0.2109

Rectangle

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



17.7200, 0.3953, 0.2734



17.7200, 0.4739, 0.3669



17.7200, 0.2281, 0.3909



17.7200, 0.1743, 0.2581

Sweetspot

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



17.7209, 0.3953, 0.2734



60.8371, 0.3308, 0.3120



15.3742, 0.2694, 0.1877



12.9963, 0.3334, 0.3098



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



17.7209, 0.3953, 0.2734



26.3274, 0.4235, 0.2643



17.9455, 0.4545, 0.3382



8.5624, 0.3224, 0.3195



7.1443, 0.5264, 0.2673



0.2365, 0.4553, 0.2282

Inverse Universe

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



17.7209, 0.3953, 0.2734



26.3274, 0.4235, 0.2643



35.0456, 0.2445, 0.3188



8.5624, 0.3224, 0.3195



7.1443, 0.5264, 0.2673



0.2365, 0.4553, 0.2282

Previews

White Background



This preview shows how the Yxy color 17.7200, 0.3953, 0.2734 looks on a white background.

Color Contrast Check

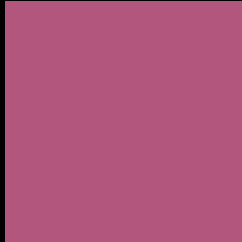
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7200, 0.3953, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

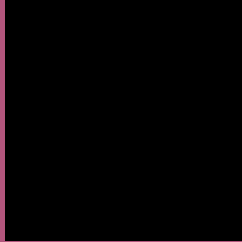
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7200, 0.3953, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 17.7200, 0.3953, 0.2734.



This preview shows how white text looks on a background with the Yxy color 17.7200, 0.3953, 0.2734.

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

17.7200, 0.3953, 0.2734

Protanopia

17.8839, 0.2760, 0.2768

Deuteranopia

17.9027, 0.3224, 0.3178



Tritanopia

17.7111, 0.4339, 0.3192

Trichromacy



Original Color

17.7200, 0.3953, 0.2734

Protanomaly

17.1435, 0.3140, 0.2730

Deuteranomaly

17.4168, 0.3477, 0.2980

Tritanomaly

17.6924, 0.4202, 0.3017

Monochromacy



Original Color

17.7200, 0.3953, 0.2734

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.2640, 0.3402, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7200, 0.3953, 0.2734 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(179, 86, 125)` looks like.

```
.text, #text, p{  
    color:rgb(179, 86, 125)  
}
```

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(179, 86, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 86, 125) }
```

Border

The CSS property to change the border of an element to Yxy 17.7200, 0.3953, 0.2734 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(179, 86, 125) }
```

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

```
.border{ border-color:rgb(179, 86, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 86, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 86, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 86, 125);  
box-shadow:4px 4px 4px 4px rgb(179, 86,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7200, 0.3953, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 86, 125) }
```

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

```
.background{ background-color: rgb(179, 86,  
125) }
```

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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