

Converting Colors

$Y_{xy}(10.6954, 0.5268, 0.2676)$

Have a look what the booklet for
Yxy(10.6954, 0.5268, 0.2676)
contains.

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Color

Yxy(10.7404, 0.5279, 0.2682)

Conversions

Conversions Part 1

Format	Color
Hex	B8004E
RGB	184, 0, 78
RGB Percent	72%, 0%, 31%
CMY	0.2785, 0.9996, 0.6941
CMYK	0.00, 1.00, 0.58, 0.28
HSL	335°, 100%, 36%
HSV	335°, 100%, 72%
XYZ	21.1404, 10.7404, 8.1654
YIQ	63.9080, 84.6260, 63.2660

Conversions

Conversions Part 2

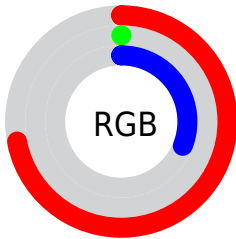
Format	Color
RYB	184, 0, 78
Decimal	12058702
CIELab	39.14, 65.27, 10.73
CIELCh	39, 66.148, 9.334
Yxy	10.7404, 0.5279, 0.2682
Android (android.graphics.Color)	4290248782 (0xFFB8004E)
YUV	63.9080, 6.9474, 105.3207
Hunter-Lab	32.7725, 57.7920, 8.1684

Details

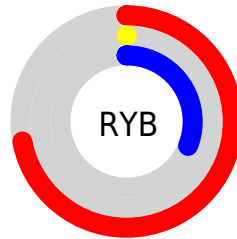
The Yxy color **10.7404, 0.5279, 0.2682** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **35.3198, 0.2650, 0.4741**, and the grayscale version is **5.1002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.1597, 0.4723, 0.2860**, and **4.3323, 0.5730, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **10.7383, 0.5280, 0.2682**, and if you desaturate by 10%, it is **11.3523, 0.5002, 0.2608**.

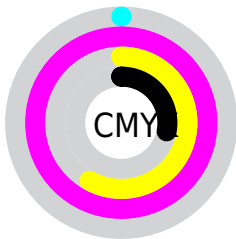
Distribution



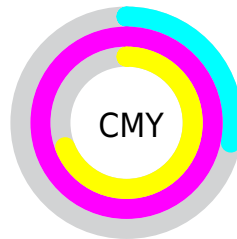
- Red (72%)
- Green (0%)
- Blue (31%)



- Red (72%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (28%)




- Cyan (28%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7404, 0.5279, 0.2682 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 10.7404, 0.5279, 0.2682 by changing the saturation by 10% instead.


 10.7404, 0.5279,
0.2682


 10.7404, 0.5279,
0.2682


195.8778, 0.3957,
0.3091


 5.8926, 0.5714,
0.2524

 27.1791, 0.4726,
0.2866


 2.7799, 0.6341,
0.2277

 39.5388, 0.4541,
0.2924


 1.0179, 0.7440,
0.1903

 55.1712, 0.4394,
0.2968

 0.0000, 1.0000,
0.0000

 74.4607, 0.4274,
0.3003

 0.0000, 0.0000,
0.0000

 97.7917, 0.4174,
0.3032

 125.5486, 0.4091,

0.3055

158.1158, 0.4019,
0.3075

■ 10.7404, 0.5279,
0.2682

■ 10.7404, 0.5279,
0.2682

■ 10.7383, 0.5280,
0.2682

■ 11.3523, 0.5002,
0.2608

■ 12.4101, 0.4711,
0.2577

■ 14.0706, 0.4421,
0.2597

■ 16.4111, 0.4148,
0.2658

■ 19.4975, 0.3902,
0.2747

■ 23.3876, 0.3689,
0.2852

■ 28.1336, 0.3508,
0.2965

■ 33.7831, 0.3356,
0.3078

■ 40.3802, 0.3230,
0.3187

Harmonies

Analogous

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



10.7404, 0.3801, 0.1997



10.7404, 0.5279, 0.2682



10.7404, 0.5890, 0.3453

Triad

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



10.7404, 0.5279, 0.2682



10.7404, 0.3241, 0.6104



10.7404, 0.1057, 0.1516

Complementary

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



10.7404, 0.5279, 0.2682



35.3198, 0.2650, 0.4741

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.



10.7404, 0.0974, 0.2120



10.7404, 0.5279, 0.2682



10.7404, 0.2076, 0.5399

Square

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



10.7404, 0.5279, 0.2682



10.7404, 0.4493, 0.5429



10.7404, 0.1267, 0.3492



10.7404, 0.1485, 0.1368

Rectangle

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



10.7404, 0.5279, 0.2682



10.7404, 0.5697, 0.4025



10.7404, 0.1267, 0.3492



10.7404, 0.0993, 0.1654

Sweetspot

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



10.7411, 0.5279, 0.2682



50.4895, 0.3517, 0.2958



6.4233, 0.2160, 0.0964



10.0747, 0.3589, 0.2911



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



10.7411, 0.5279, 0.2682



19.4230, 0.5320, 0.2704



10.4608, 0.6351, 0.3338



9.0737, 0.3223, 0.3194



7.4152, 0.5250, 0.2666



0.2738, 0.4596, 0.2305

Inverse Universe

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



10.7411, 0.5279, 0.2682



19.4230, 0.5320, 0.2704



32.8632, 0.2189, 0.3081



9.0737, 0.3223, 0.3194



7.4152, 0.5250, 0.2666



0.2738, 0.4596, 0.2305

Previews

White Background



This preview shows how the Yxy color 10.7404, 0.5279, 0.2682 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 10.7404, 0.5279, 0.2682 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 10.7404, 0.5279, 0.2682

Background



This preview shows how black text looks on a background with the Yxy color 10.7404, 0.5279, 0.2682.



This preview shows how white text looks on a background with the Yxy color 10.7404, 0.5279, 0.2682.

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

10.7404, 0.5279, 0.2682

Protanopia

11.4218, 0.2828, 0.2859

Deuteranopia

11.3691, 0.3807, 0.3755



Tritanopia

11.0188, 0.6004, 0.3306

Trichromacy



Original Color

10.7404, 0.5279, 0.2682

Protanomaly

8.5118, 0.3646, 0.2508

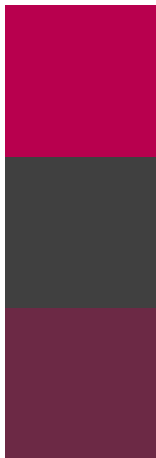
Deuteranomaly

8.9104, 0.4483, 0.3027

Tritanomaly

10.7728, 0.5837, 0.3099

Monochromacy



Original Color

10.7404, 0.5279, 0.2682

Achromatopsia

5.1269, 0.3127, 0.3290

Achromatomaly

5.2037, 0.4136, 0.2673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7404, 0.5279, 0.2682 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(184, 0, 78)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 78)  
}
```

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(184, 0, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 78) }
```

Border

The CSS property to change the border of an element to Yxy 10.7404, 0.5279, 0.2682 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(184, 0, 78) }
```

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

```
.border{ border-color:rgb(184, 0, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 0, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 78);  
box-shadow:4px 4px 4px 4px rgb(184, 0, 78)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.7404, 0.5279, 0.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 78) }
```

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

```
.background{ background-color: rgb(184, 0,  
78) }
```

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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