

Converting Colors

$Yxy(11.6813, 0.5185, 0.2695)$

Have a look what the booklet for
Yxy(11.6813, 0.5185, 0.2695)
contains.

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Color

Yxy(11.6865, 0.5178, 0.2691)

Conversions

Conversions Part 1

Format	Color
Hex	BC1053
RGB	188, 16, 83
RGB Percent	74%, 6%, 33%
CMY	0.2627, 0.9373, 0.6745
CMYK	0.00, 0.91, 0.56, 0.26
HSL	337°, 84%, 40%
HSV	337°, 91%, 74%
XYZ	22.4871, 11.6865, 9.2545
YIQ	75.0660, 81.0050, 57.3010

Conversions

Conversions Part 2

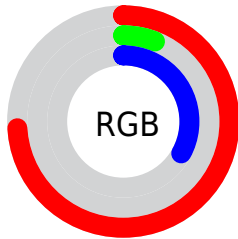
Format	Color
RYB	188, 16, 83
Decimal	12324947
CIELab	40.71, 64.79, 9.85
CIElCh	41, 65.534, 8.642
Yxy	11.6865, 0.5178, 0.2691
Android (android.graphics.Color)	4290515027 (0xFFBC1053)
YUV	75.0660, 3.9115, 99.0431
Hunter-Lab	34.1855, 57.5917, 7.8792

Details

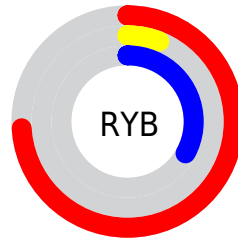
The Yxy color **11.6865, 0.5178, 0.2691** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **37.4599, 0.2599, 0.4498**, and the grayscale version is **7.0300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9694, 0.4662, 0.2869**, and **4.7357, 0.5669, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **11.1765, 0.5424, 0.2761**, and if you desaturate by 10%, it is **12.6990, 0.4871, 0.2646**.

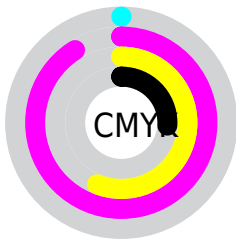
Distribution



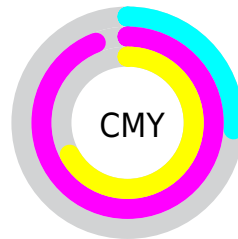
- Red (74%)
- Green (6%)
- Blue (33%)



- Red (74%)
- Yellow (6%)
- Blue (33%)



- Cyan (0%)
- Magenta (91%)
- Yellow (56%)
- Black (26%)




- Cyan (26%)
- Magenta (94%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6865, 0.5178, 0.2691 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 11.6865, 0.5178, 0.2691 by changing the saturation by 10% instead.


 11.6865, 0.5178,
0.2691

 11.6865, 0.5178,
0.2691


202.3186, 0.3931,
0.3086


 6.5306, 0.5583,
0.2544


 28.9228, 0.4660,
0.2866


 3.1703, 0.6165,
0.2317

 41.7720, 0.4486,
0.2921

 1.2213, 0.7083,
0.1953

 57.9545, 0.4346,
0.2965

 0.0790, 0.9610,
0.0390

 77.8545, 0.4232,
0.2999

 0.0000, 1.0000,
0.0000

 101.8565, 0.4138,
0.3027

 0.0000, 0.0000,
0.0000

 130.3450, 0.4058,

0.3050

163.7042, 0.3990,
0.3070

■ 11.6865, 0.5178,
0.2691

■ 11.6865, 0.5178,
0.2691

■ 11.1765, 0.5424,
0.2761

■ 12.6990, 0.4871,
0.2646

■ 14.3327, 0.4558,
0.2651

■ 16.6728, 0.4260,
0.2698

■ 19.7906, 0.3991,
0.2776

■ 23.7483, 0.3756,
0.2870

■ 28.6020, 0.3558,
0.2974

■ 34.4028, 0.3392,
0.3078

■ 41.1979, 0.3255,
0.3180

■ 49.0314, 0.3142,
0.3276

Harmonies

Analogous

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



11.6865, 0.3746, 0.2020



11.6865, 0.5178, 0.2691



11.6865, 0.5807, 0.3454

Triad

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



11.6865, 0.5178, 0.2691



11.6865, 0.3292, 0.6001



11.6865, 0.1097, 0.1571

Complementary

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



11.6865, 0.5178, 0.2691



37.4599, 0.2599, 0.4498

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.



11.6865, 0.1026, 0.2185



11.6865, 0.5178, 0.2691



11.6865, 0.2145, 0.5342

Square

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



11.6865, 0.5178, 0.2691



11.6865, 0.4487, 0.5340



11.6865, 0.1334, 0.3534



11.6865, 0.1513, 0.1414

Rectangle

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



11.6865, 0.5178, 0.2691



11.6865, 0.5644, 0.4014



11.6865, 0.1334, 0.3534



11.6865, 0.1037, 0.1713

Sweetspot

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



11.6872, 0.5178, 0.2691



55.8796, 0.3487, 0.3016



7.9377, 0.2313, 0.1086



11.2800, 0.3546, 0.2980



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



11.6872, 0.5178, 0.2691



20.2094, 0.5464, 0.2784



11.8282, 0.6135, 0.3393



9.5963, 0.3229, 0.3201



7.6225, 0.5392, 0.2744



0.3115, 0.4750, 0.2390

Inverse Universe

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



11.6872, 0.5178, 0.2691



20.2094, 0.5464, 0.2784



32.7937, 0.2180, 0.3001



9.5963, 0.3229, 0.3201



7.6225, 0.5392, 0.2744



0.3115, 0.4750, 0.2390

Previews

White Background



This preview shows how the Yxy color 11.6865, 0.5178, 0.2691 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 11.6865, 0.5178, 0.2691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

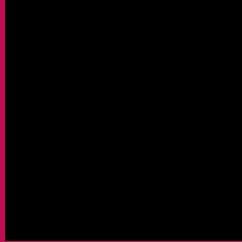
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6865, 0.5178, 0.2691

Background



This preview shows how black text looks on a background with the Yxy color 11.6865, 0.5178, 0.2691.



This preview shows how white text looks on a background with the Yxy color 11.6865, 0.5178, 0.2691.

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

11.6865, 0.5178, 0.2691

Protanopia

12.2085, 0.2786, 0.2807

Deuteranopia

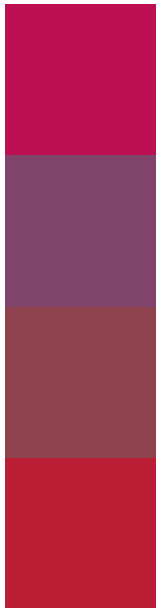
12.1582, 0.3757, 0.3701



Tritanopia

11.8222, 0.5924, 0.3306

Trichromacy



Original Color

11.6865, 0.5178, 0.2691

Protanomaly

9.7640, 0.3558, 0.2560

Deuteranomaly

10.1973, 0.4376, 0.3082

Tritanomaly

11.6915, 0.5730, 0.3108

Monochromacy



Original Color

11.6865, 0.5178, 0.2691

Achromatopsia

7.0360, 0.3127, 0.3290

Achromatomaly

6.9014, 0.3988, 0.2781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6865, 0.5178, 0.2691 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(188, 16, 83)` looks like.

```
.text, #text, p{  
  color:rgb(188, 16, 83)  
}
```

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(188, 16, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 16, 83) }
```

Border

The CSS property to change the border of an element to Yxy 11.6865, 0.5178, 0.2691 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(188, 16, 83) }
```

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

```
.border{ border-color:rgb(188, 16, 83) }
```

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

Here you see how a box with a 4 pixel rgb(188, 16, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 16, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 16, 83);  
box-shadow:4px 4px 4px 4px rgb(188, 16,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6865, 0.5178, 0.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 16, 83) }
```

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

```
.background{ background-color: rgb(188, 16,  
83) }
```

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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