

Converting Colors

$Y_{xy}(10.7523, 0.5557, 0.2661)$

Have a look what the booklet for
Yxy(10.7523, 0.5557, 0.2661)
contains.

Yxy(11.6875, 0.5465, 0.2784)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.6875, 0.5465, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	C00049
RGB	192, 0, 73
RGB Percent	75%, 0%, 29%
CMY	0.2470, 1.0000, 0.7137
CMYK	0.00, 1.00, 0.62, 0.25
HSL	337°, 100%, 38%
HSV	337°, 100%, 75%
XYZ	22.9426, 11.6875, 7.3509
YIQ	65.7300, 90.9990, 63.4070

Conversions

Conversions Part 2

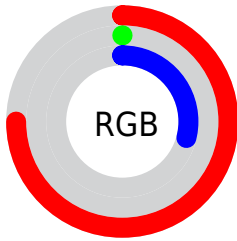
Format	Color
RYB	192, 0, 73
Decimal	12582985
CIELab	40.72, 66.86, 16.35
CIElCh	41, 68.826, 13.740
Yxy	11.6875, 0.5465, 0.2784
Android (android.graphics.Color)	4290773065 (0xFFC00049)
YUV	65.7300, 3.5841, 110.7388
Hunter-Lab	34.1870, 59.9626, 11.1824

Details

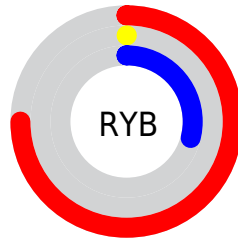
The Yxy color **11.6875, 0.5465, 0.2784** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **39.0349, 0.2608, 0.4590**, and the grayscale version is **5.3883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9811, 0.4884, 0.2957**, and **4.9190, 0.5928, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **11.6887, 0.5465, 0.2784**, and if you desaturate by 10%, it is **12.3345, 0.5172, 0.2702**.

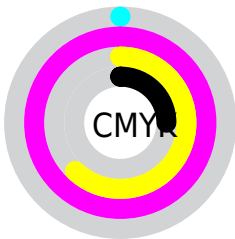
Distribution



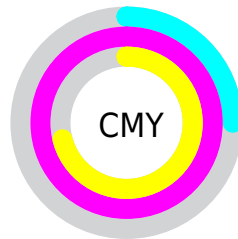
- Red (75%)
- Green (0%)
- Blue (29%)



- Red (75%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (25%)




- Cyan (25%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6875, 0.5465, 0.2784 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 11.6875, 0.5465, 0.2784 by changing the saturation by 10% instead.


 11.6875, 0.5465,
0.2784

 11.6875, 0.5465,
0.2784


202.3253, 0.4046,
0.3149

 6.5313, 0.5915,
0.2633


 28.9247, 0.4880,
0.2955


 3.1707, 0.6545,
0.2392

 41.7744, 0.4681,
0.3006


 1.2215, 0.7699,
0.2051

 57.9574, 0.4522,
0.3045

 0.0792, 0.9626,
0.0374

 77.8580, 0.4392,
0.3075

 0.0000, 1.0000,
0.0000

 101.8608, 0.4283,
0.3099

 0.0000, 0.0000,
0.0000

 130.3500, 0.4192,

0.3119

163.7100, 0.4113,
0.3135

■ 11.6875, 0.5465,
0.2784

■ 11.6875, 0.5465,
0.2784

■ 11.6887, 0.5465,
0.2784

■ 12.3345, 0.5172,
0.2702

■ 13.4790, 0.4857,
0.2662

■ 15.2915, 0.4539,
0.2672

■ 17.8587, 0.4238,
0.2722

■ 21.2539, 0.3969,
0.2800

■ 25.5419, 0.3735,
0.2894

■ 30.7809, 0.3538,
0.2996

■ 37.0240, 0.3374,
0.3098

■ 44.3206, 0.3238,
0.3197

Harmonies

Analogous

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



11.6875, 0.4045, 0.2076



11.6875, 0.5465, 0.2784



11.6875, 0.5908, 0.3567

Triad

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



11.6875, 0.5465, 0.2784



11.6875, 0.3054, 0.6151



11.6875, 0.1082, 0.1456

Complementary

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



11.6875, 0.5465, 0.2784



39.0349, 0.2608, 0.4590

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.



11.6875, 0.0950, 0.1977



11.6875, 0.5465, 0.2784



11.6875, 0.1911, 0.5173

Square

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



11.6875, 0.5465, 0.2784



11.6875, 0.4309, 0.5580



11.6875, 0.1177, 0.3230



11.6875, 0.1570, 0.1360

Rectangle

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



11.6875, 0.5465, 0.2784



11.6875, 0.5627, 0.4162



11.6875, 0.1177, 0.3230



11.6875, 0.1002, 0.1571

Sweetspot

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



11.6887, 0.5465, 0.2784



55.2708, 0.3546, 0.2991



7.6861, 0.2267, 0.1022



10.9532, 0.3627, 0.2947



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



11.6887, 0.5465, 0.2784



21.1320, 0.5504, 0.2806



11.7968, 0.6305, 0.3376



10.1399, 0.3231, 0.3203



7.8786, 0.5432, 0.2766



0.3539, 0.4826, 0.2432

Inverse Universe

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



11.6887, 0.5465, 0.2784



21.1320, 0.5504, 0.2806



32.4086, 0.2144, 0.2917



10.1399, 0.3231, 0.3203



7.8786, 0.5432, 0.2766



0.3539, 0.4826, 0.2432

Previews

White Background



This preview shows how the Yxy color 11.6875, 0.5465, 0.2784 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 11.6875, 0.5465, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

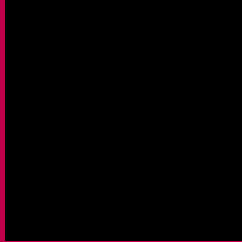
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6875, 0.5465, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 11.6875, 0.5465, 0.2784.



This preview shows how white text looks on a background with the Yxy color 11.6875, 0.5465, 0.2784.

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

11.6875, 0.5465, 0.2784

Protanopia

12.3936, 0.3006, 0.3089

Deuteranopia

12.2386, 0.3961, 0.3901



Tritanopia

12.0342, 0.6086, 0.3311

Trichromacy



Original Color

11.6875, 0.5465, 0.2784

Protanomaly

9.1770, 0.3870, 0.2669

Deuteranomaly

9.6688, 0.4687, 0.3161

Tritanomaly

11.6908, 0.5937, 0.3133

Monochromacy



Original Color

11.6875, 0.5465, 0.2784

Achromatopsia

5.4480, 0.3127, 0.3290

Achromatomaly

5.5303, 0.4216, 0.2716

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6875, 0.5465, 0.2784 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(192, 0, 73)` looks like.

```
.text, #text, p{  
  color:rgb(192, 0, 73)  
}
```

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(192, 0, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 73) }
```

Border

The CSS property to change the border of an element to Yxy 11.6875, 0.5465, 0.2784 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(192, 0, 73) }
```

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

```
.border{ border-color:rgb(192, 0, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 0, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 73);  
box-shadow:4px 4px 4px 4px rgb(192, 0, 73)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.6875, 0.5465, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 73) }
```

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

```
.background{ background-color: rgb(192, 0,  
73) }
```

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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