

Converting Colors

$Y_{xy}(10.6004, 0.4958, 0.3009)$

Have a look what the booklet for
Yxy(10.6004, 0.4958, 0.3009)
contains.

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Color

Yxy(10.6091, 0.4961, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	A33347
RGB	163, 51, 71
RGB Percent	64%, 20%, 28%
CMY	0.3607, 0.8000, 0.7215
CMYK	0.00, 0.69, 0.56, 0.36
HSL	349°, 52%, 42%
HSV	349°, 69%, 64%
XYZ	17.4277, 10.6091, 7.0926
YIQ	86.7680, 60.3320, 29.9640

Conversions

Conversions Part 2

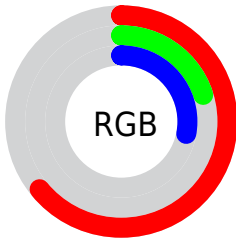
Format	Color
RYB	163, 51, 71
Decimal	10695495
CIELab	38.91, 47.36, 14.21
CIElCh	39, 49.442, 16.699
Yxy	10.6091, 0.4961, 0.3020
Android (android.graphics.Color)	4288885575 (0xFFA33347)
YUV	86.7680, -7.7736, 66.8555
Hunter-Lab	32.5716, 38.5077, 9.8894

Details

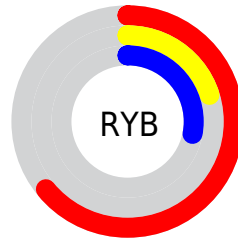
The Yxy color **10.6091, 0.4961, 0.3020** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **28.8853, 0.2463, 0.3664**, and the grayscale version is **9.4853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9647, 0.4472, 0.3132**, and **3.0871, 0.5749, 0.2940** is the 20% darker color. If you saturate the color by 10%, you get **9.2734, 0.5376, 0.3030**, and if you desaturate by 10%, it is **12.4832, 0.4559, 0.3036**.

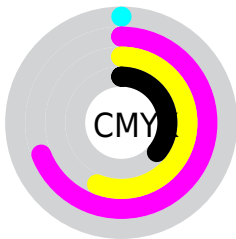
Distribution



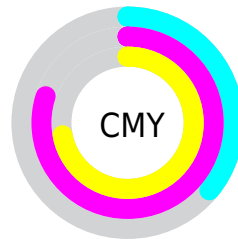
- Red (64%)
- Green (20%)
- Blue (28%)



- Red (64%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (69%)
- Yellow (56%)
- Black (36%)





- Cyan (36%)
- Magenta (80%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6091, 0.4961, 0.3020 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 10.6091, 0.4961, 0.3020 by changing the saturation by 10% instead.


 10.6091, 0.4961,
0.3020


 10.6091, 0.4961,
0.3020


194.9657, 0.3821,
0.3229


 5.8046, 0.5350,
0.2919

 26.9350, 0.4477,
0.3124


 2.7267, 0.5925,
0.2743

 39.2253, 0.4318,
0.3154


 0.9907, 0.7244,
0.2547

 54.7796, 0.4192,
0.3175

 0.0000, 1.0000,
0.0000

 73.9823, 0.4090,
0.3191

 0.0000, 0.0000,
0.0000

 97.2179, 0.4005,
0.3204

 124.8708, 0.3934,

0.3214

157.3252, 0.3874,
0.3222

■ 10.6091, 0.4961,
0.3020

■ 10.6091, 0.4961,
0.3020

■ 9.2734, 0.5376,
0.3030

■ 12.4832, 0.4559,
0.3036

■ 8.4168, 0.5761,
0.3071

■ 14.9432, 0.4198,
0.3069

■ 7.9313, 0.6074,
0.3133

■ 18.0333, 0.3888,
0.3112

■ 7.8773, 0.6110,
0.3139

■ 21.7931, 0.3631,
0.3159

■ 26.2587, 0.3421,
0.3207

■ 31.4639, 0.3250,
0.3252

■ 37.4402, 0.3111,
0.3295

■ 44.2172, 0.2999,
0.3335

■ 51.8230, 0.2907,
0.3371

Harmonies

Analogous

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



10.6091, 0.3956, 0.2389



10.6091, 0.4961, 0.3020



10.6091, 0.5300, 0.3732

Triad

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



10.6091, 0.4961, 0.3020



10.6091, 0.3103, 0.5355



10.6091, 0.1476, 0.1800

Complementary

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



10.6091, 0.4961, 0.3020



28.8853, 0.2463, 0.3664

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.



10.6091, 0.1340, 0.2242



10.6091, 0.4961, 0.3020



10.6091, 0.2163, 0.4500

Square

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



10.6091, 0.4961, 0.3020



10.6091, 0.4100, 0.5194



10.6091, 0.1548, 0.3182



10.6091, 0.1949, 0.1722

Rectangle

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



10.6091, 0.4961, 0.3020



10.6091, 0.5112, 0.4238



10.6091, 0.1548, 0.3182



10.6091, 0.1395, 0.1901

Sweetspot

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



10.6097, 0.4961, 0.3020



44.7581, 0.3473, 0.3194



10.8044, 0.2902, 0.1648



9.5747, 0.3526, 0.3182



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



10.6097, 0.4961, 0.3020



15.7687, 0.5568, 0.3046



14.7566, 0.4915, 0.3803



7.1057, 0.3258, 0.3250



6.1261, 0.6090, 0.3129



0.1341, 0.5263, 0.2673

Inverse Universe

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



10.6097, 0.4961, 0.3020



15.7687, 0.5568, 0.3046



18.6666, 0.2180, 0.2602



7.1057, 0.3258, 0.3250



6.1261, 0.6090, 0.3129



0.1341, 0.5263, 0.2673

Previews

White Background



This preview shows how the Yxy color 10.6091, 0.4961, 0.3020 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 10.6091, 0.4961, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

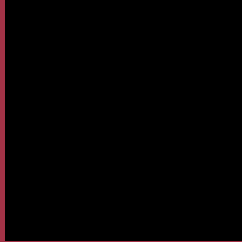
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6091, 0.4961, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 10.6091, 0.4961, 0.3020.



This preview shows how white text looks on a background with the Yxy color 10.6091, 0.4961, 0.3020.

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

10.6091, 0.4961, 0.3020

Protanopia

10.8425, 0.3189, 0.3314

Deuteranopia

10.8531, 0.3854, 0.3807



Tritanopia

10.6151, 0.5202, 0.3256

Trichromacy



Original Color

10.6091, 0.4961, 0.3020

Protanomaly

9.9409, 0.3796, 0.3144

Deuteranomaly

10.1166, 0.4278, 0.3431

Tritanomaly

10.5754, 0.5115, 0.3174

Monochromacy



Original Color

10.6091, 0.4961, 0.3020

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.1365, 0.3780, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6091, 0.4961, 0.3020 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(163, 51, 71)` looks like.

```
.text, #text, p{  
    color:rgb(163, 51, 71)  
}
```

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(163, 51, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 51, 71) }
```

Border

The CSS property to change the border of an element to Yxy 10.6091, 0.4961, 0.3020 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(163, 51, 71) }
```

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

```
.border{ border-color:rgb(163, 51, 71) }
```

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

Here you see how a box with a 4 pixel rgb(163, 51, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 51, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 51, 71);  
box-shadow:4px 4px 4px 4px rgb(163, 51,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6091, 0.4961, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 51, 71) }
```

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

```
.background{ background-color: rgb(163, 51,  
71) }
```

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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