

Converting Colors

$Yxy(10.6288, 0.2234, 0.3148)$

Have a look what the booklet for
Yxy(10.6288, 0.2234, 0.3148)
contains.

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Color

$\text{Yxy}(10.6354, 0.2235, 0.3152)$

Conversions

Conversions Part 1

Format	Color
Hex	0B666B
RGB	11, 102, 107
RGB Percent	4%, 40%, 42%
CMY	0.9576, 0.6000, 0.5804
CMYK	0.90, 0.05, 0.00, 0.58
HSL	183°, 82%, 23%
HSV	183°, 90%, 42%
XYZ	7.5413, 10.6354, 15.5651
YIQ	75.3610, -55.8410, -17.7370

Conversions

Conversions Part 2

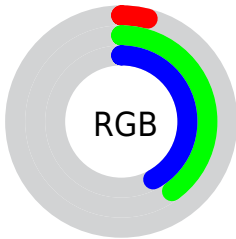
Format	Color
RYB	11, 58, 107
Decimal	747115
CIELab	38.96, -22.04, -9.82
CIELCh	39, 24.130, 204.007
Yxy	10.6354, 0.2235, 0.3152
Android (android.graphics.Color)	4278937195 (0xFF0B666B)
YUV	75.3610, 15.5980, -56.4446
Hunter-Lab	32.6120, -15.7941, -5.4696

Details

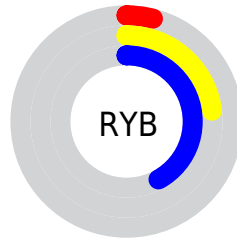
The Yxy color **10.6354, 0.2235, 0.3152** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **3.5145, 0.6018, 0.3355**, and the grayscale version is **7.0740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8708, 0.2464, 0.3198**, and **3.0586, 0.2184, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **10.4578, 0.2205, 0.3136**, and if you desaturate by 10%, it is **10.8406, 0.2274, 0.3168**.

Distribution



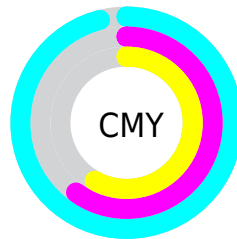
- Red (4%)
- Green (40%)
- Blue (42%)



- Red (4%)
- Yellow (23%)
- Blue (42%)



- Cyan (90%)
- Magenta (5%)
- Yellow (0%)
- Black (58%)




- Cyan (96%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6354, 0.2235, 0.3152 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 10.6354, 0.2235, 0.3152 by changing the saturation by 10% instead.


 10.6354, 0.2235,
0.3152


 10.6354, 0.2235,
0.3152


195.1488, 0.2775,
0.3251


 5.8222, 0.2056,
0.3107

 26.9840, 0.2460,
0.3200


 2.7373, 0.1790,
0.3027


 39.2881, 0.2535,
0.3214

 0.9962, 0.1187,
0.2921

 54.8581, 0.2595,
0.3224

 0.0000, 0.0000,
0.0000

 74.0783, 0.2644,
0.3232

 97.3331, 0.2685,
0.3238


 125.0068, 0.2720,


0.3244


 157.4839, 0.2749,
0.3248

 10.6354, 0.2235,
0.3152


 10.6354, 0.2235,
0.3152


 10.4578, 0.2205,
0.3136


 10.8406, 0.2274,
0.3168

 10.4559, 0.2204,
0.3135

 11.0962, 0.2330,
0.3185

 11.4085, 0.2403,
0.3202

 11.7821, 0.2493,
0.3218

 12.2215, 0.2598,
0.3234

■ 12.7306, 0.2716,
0.3249

■ 13.3131, 0.2846,
0.3264

■ 13.9722, 0.2984,
0.3277

■ 14.7112, 0.3129,
0.3290

Harmonies

Analogous

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



10.6354, 0.2561, 0.3712



10.6354, 0.2235, 0.3152



10.6354, 0.2135, 0.2703

Triad

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



10.6354, 0.2235, 0.3152



10.6354, 0.3123, 0.2591



10.6354, 0.4030, 0.4108

Complementary

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



10.6354, 0.2235, 0.3152



3.5145, 0.6018, 0.3355

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.



10.6354, 0.4228, 0.3736



10.6354, 0.2235, 0.3152



10.6354, 0.3683, 0.2901

Square

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



10.6354, 0.2235, 0.3152



10.6354, 0.2610, 0.2431



10.6354, 0.4103, 0.3305



10.6354, 0.3594, 0.4293

Rectangle

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



10.6354, 0.2235, 0.3152



10.6354, 0.2197, 0.2517



10.6354, 0.4103, 0.3305



10.6354, 0.4128, 0.3997

Sweetspot

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



10.6358, 0.2235, 0.3152



23.0068, 0.2743, 0.3252



10.6216, 0.2990, 0.5791



5.5091, 0.2712, 0.3249



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



10.6358, 0.2235, 0.3152



18.6680, 0.2203, 0.3131



3.7790, 0.1843, 0.1693



3.4663, 0.2997, 0.3279



12.7067, 0.2204, 0.3134



64.3473, 0.2201, 0.3125

Inverse Universe

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



4.3204, 0.3318, 0.1671



7.2899, 0.3340, 0.1614



6.7845, 0.4985, 0.4260



3.1613, 0.3144, 0.3095



4.9551, 0.3338, 0.1613



25.2081, 0.3346, 0.1617

Previews

White Background



This preview shows how the Yxy color 10.6354, 0.2235, 0.3152 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 10.6354, 0.2235, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

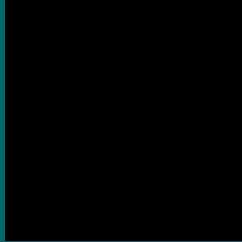
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6354, 0.2235, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 10.6354, 0.2235, 0.3152.



This preview shows how white text looks on a background with the Yxy color 10.6354, 0.2235, 0.3152.

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

10.6354, 0.2235, 0.3152

Protanopia

10.6264, 0.2998, 0.3076

Deuteranopia

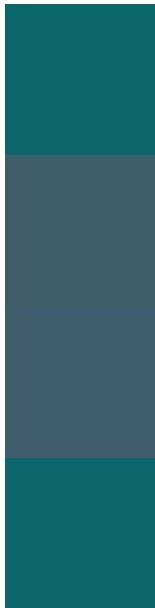
10.4947, 0.2861, 0.2805



Tritanopia

10.7387, 0.2227, 0.3074

Trichromacy



Original Color

10.6354, 0.2235, 0.3152

Protanomaly

10.1878, 0.2579, 0.3081

Deuteranomaly

10.1337, 0.2511, 0.2908

Tritanomaly

10.7002, 0.2228, 0.3100

Monochromacy



Original Color

10.6354, 0.2235, 0.3152

Achromatopsia

7.0360, 0.3127, 0.3290

Achromatomaly

7.9152, 0.2605, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6354, 0.2235, 0.3152 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(11, 102, 107)` looks like.

```
.text, #text, p{  
  color:rgb(11, 102, 107)  
}
```

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(11, 102, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 102, 107) }
```

Border

The CSS property to change the border of an element to Yxy 10.6354, 0.2235, 0.3152 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(11, 102, 107) }
```

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

```
.border{ border-color:rgb(11, 102, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 102, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 102, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 102, 107);  
box-shadow:4px 4px 4px 4px rgb(11, 102,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6354, 0.2235, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 102, 107) }
```

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

```
.background{ background-color: rgb(11, 102,  
107) }
```

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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