

Converting Colors

Yxy(44.9111, 0.3151, 0.3309)

Have a look what the booklet for
Yxy(44.9111, 0.3151, 0.3309)
contains.

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Color

Yxy(45.1178, 0.3152, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	B4B3B1
RGB	180, 179, 177
RGB Percent	71%, 70%, 69%
CMY	0.2942, 0.2980, 0.3060
CMYK	0.00, 0.01, 0.02, 0.29
HSL	41°, 2%, 70%
HSV	41°, 2%, 71%
XYZ	42.8735, 45.1178, 48.0286
YIQ	179.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

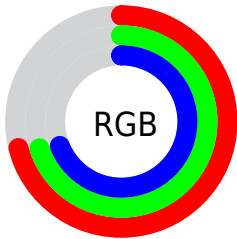
Format	Color
RYB	179, 180, 177
Decimal	11842481
CIELab	72.97, -0.03, 1.15
CIElCh	73, 1.151, 91.432
Yxy	45.1178, 0.3152, 0.3317
Android (android.graphics.Color)	4290032561 (0xFFB4B3B1)
YUV	179.0710, -1.0210, 0.8147
Hunter-Lab	67.1698, -3.6132, 4.6245

Details

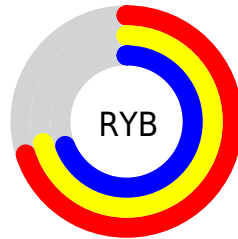
The Yxy color **45.1178, 0.3152, 0.3317** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4584, 0.3102, 0.3263**, and the grayscale version is **45.1233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1327, 0.3146, 0.3311**, and **20.8890, 0.3161, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **42.1638, 0.3309, 0.3484**, and if you desaturate by 10%, it is **48.2689, 0.3010, 0.3160**.

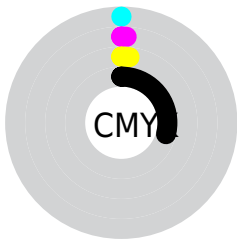
Distribution



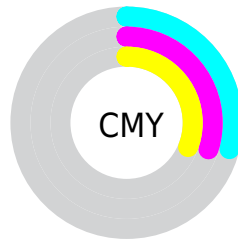
- Red (71%)
- Green (70%)
- Blue (69%)



- Red (70%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1178, 0.3152, 0.3317 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 45.1178, 0.3152, 0.3317 by changing the saturation by 10% instead.

■ 45.1178, 0.3152,
0.3317

■ 45.1178, 0.3152,
0.3317

367.2504, 0.3140,
0.3304

■ 31.5502, 0.3155,
0.3320

■ 82.8972, 0.3147,
0.3312

■ 21.0182, 0.3159,
0.3325

107.8777, 0.3146,
0.3310

■ 13.1373, 0.3165,
0.3331

137.4314, 0.3144,
0.3309

■ 7.5232, 0.3172,
0.3339

171.9426, 0.3143,
0.3307

■ 3.7914, 0.3184,
0.3351

211.7957, 0.3142,
0.3306

■ 1.5576, 0.3203,
0.3373

257.3751, 0.3141,

■ 0.3287, 0.3396,

0.3305

0.3581

309.0652, 0.3140,
0.3304

0.0000, 0.0000,
0.0000

45.1178, 0.3152,
0.3317

45.1178, 0.3152,
0.3317

42.1638, 0.3309,
0.3484

48.2689, 0.3010,
0.3160

39.3962, 0.3482,
0.3657

51.6160, 0.2883,
0.3013

36.8118, 0.3669,
0.3834

55.1654, 0.2770,
0.2878

34.4051, 0.3868,
0.4007

58.9214, 0.2669,
0.2754

32.1704, 0.4073,
0.4169

62.0933, 0.2642,
0.2760

■ 30.1014, 0.4278,
0.4310

■ 64.9869, 0.2650,
0.2828

■ 28.1911, 0.4474,
0.4419

■ 67.9859, 0.2657,
0.2895

■ 26.4318, 0.4650,
0.4485

■ 71.0913, 0.2665,
0.2962

■ 24.8148, 0.4799,
0.4503

■ 74.3042, 0.2672,
0.3028

Harmonies

Analogous

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



45.1178, 0.3159, 0.3309



45.1178, 0.3152, 0.3317



45.1178, 0.3139, 0.3318

Triad

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



45.1178, 0.3152, 0.3317



45.1178, 0.3098, 0.3284



45.1178, 0.3132, 0.3269

Complementary

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



45.1178, 0.3152, 0.3317



44.4584, 0.3102, 0.3263

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.



45.1178, 0.3116, 0.3263



45.1178, 0.3152, 0.3317



45.1178, 0.3096, 0.3271

Square

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



45.1178, 0.3152, 0.3317



45.1178, 0.3107, 0.3299



45.1178, 0.3103, 0.3263



45.1178, 0.3147, 0.3282

Rectangle

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



45.1178, 0.3152, 0.3317



45.1178, 0.3128, 0.3314



45.1178, 0.3103, 0.3263



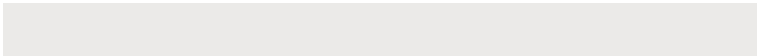
45.1178, 0.3127, 0.3267

Sweetspot

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



45.1197, 0.3152, 0.3317



82.1900, 0.3142, 0.3306



44.3484, 0.3145, 0.3277



17.7707, 0.3141, 0.3306



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



45.1197, 0.3152, 0.3317



81.6266, 0.3157, 0.3323



45.4519, 0.3147, 0.3330



9.9224, 0.3155, 0.3320



16.5741, 0.4894, 0.4496



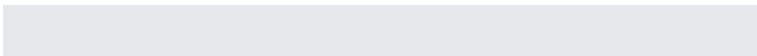
0.6218, 0.4655, 0.4686

Inverse Universe

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



44.4584, 0.3102, 0.3263



80.1733, 0.3097, 0.3257



44.1309, 0.3107, 0.3250



9.7606, 0.3100, 0.3260



4.5380, 0.1633, 0.1079



0.2514, 0.1798, 0.1671

Previews

White Background



This preview shows how the Yxy color 45.1178, 0.3152, 0.3317 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 45.1178, 0.3152, 0.3317 looks on a black 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 ✓ Pass

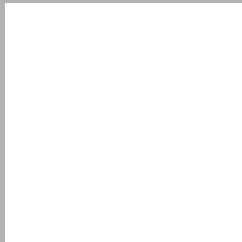
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1178, 0.3152, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 45.1178, 0.3152, 0.3317.



This preview shows how white text looks on a background with the Yxy color 45.1178, 0.3152, 0.3317.

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

45.1178, 0.3152, 0.3317

Protanopia

45.0824, 0.3179, 0.3303

Deuteranopia

44.8373, 0.3292, 0.3227



Tritanopia

45.1510, 0.3058, 0.3109

Trichromacy



Original Color

45.1178, 0.3152, 0.3317

Protanomaly

44.9602, 0.3170, 0.3303

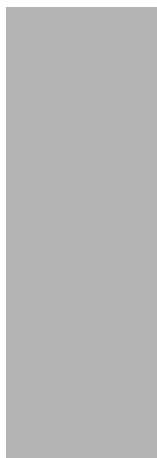
Deuteranomaly

44.8214, 0.3236, 0.3252

Tritanomaly

45.2097, 0.3089, 0.3186

Monochromacy



Original Color

45.1178, 0.3152, 0.3317

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0383, 0.3135, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1178, 0.3152, 0.3317 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(180, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 177)  
}
```

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(180, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 177) }
```

Border

The CSS property to change the border of an element to Yxy 45.1178, 0.3152, 0.3317 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(180, 179, 177) }
```

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

```
.border{ border-color:rgb(180, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1178, 0.3152, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 179, 177) }
```

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

```
.background{ background-color: rgb(180,  
179, 177) }
```

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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