

Converting Colors

Yxy(51.9749, 0.3143, 0.3307)

Have a look what the booklet for
Yxy(51.9749, 0.3143, 0.3307)
contains.

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Color

Yxy(52.0121, 0.3142, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	BFBFBD
RGB	191, 191, 189
RGB Percent	75%, 75%, 74%
CMY	0.2511, 0.2509, 0.2588
CMYK	0.00, 0.00, 0.01, 0.25
HSL	61°, 2%, 75%
HSV	61°, 1%, 75%
XYZ	49.2977, 52.0121, 55.5894
YIQ	190.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

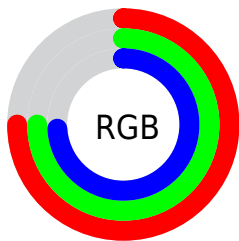
Format	Color
RYB	189, 191, 189
Decimal	12566461
CIELab	77.29, -0.38, 0.99
CIELCh	77, 1.062, 110.682
Yxy	52.0121, 0.3142, 0.3315
Android (android.graphics.Color)	4290756541 (0xFFBFBFBDBD)
YUV	190.7720, -0.8736, 0.2000
Hunter-Lab	72.1194, -4.1940, 4.7831

Details

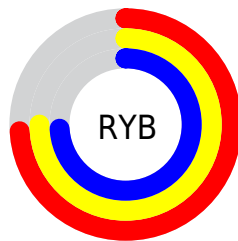
The Yxy color `52.0121, 0.3142, 0.3315` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.9857, 0.3112, 0.3265`, and the grayscale version is `51.9657, 0.3127, 0.3290`.

A 20% lighter version of the original color is `92.8883, 0.3139, 0.3310`, and `25.3578, 0.3148, 0.3324` is the 20% darker color. If you saturate the color by 10%, you get `51.1935, 0.3286, 0.3559`, and if you desaturate by 10%, it is `52.9445, 0.3004, 0.3082`.

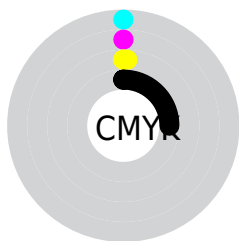
Distribution



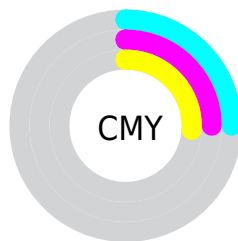
- Red (75%)
- Green (75%)
- Blue (74%)



- Red (74%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (25%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0121, 0.3142, 0.3315 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 52.0121, 0.3142, 0.3315 by changing the saturation by 10% instead.

■ 52.0121, 0.3142,
0.3315

■ 52.0121, 0.3142,
0.3315

■ 394.4833, 0.3135,
0.3303

■ 37.0147, 0.3144,
0.3318

■ 93.1491, 0.3139,
0.3311

■ 25.2189, 0.3146,
0.3322

■ 120.0575, 0.3138,
0.3309

■ 16.2402, 0.3149,
0.3327

■ 151.7050, 0.3138,
0.3308

■ 9.6943, 0.3153,
0.3334

■ 188.4760, 0.3137,
0.3306

■ 5.1967, 0.3159,
0.3344

■ 230.7550, 0.3136,
0.3305

■ 2.3632, 0.3168,
0.3360

■ 278.9263, 0.3136,

■ 0.8068, 0.3192,

0.3304

0.3399

333.3742, 0.3135,
0.3304

0.0000, 0.0000,
0.0000

52.0121, 0.3142,
0.3315

52.0121, 0.3142,
0.3315

51.1935, 0.3286,
0.3559

52.9445, 0.3004,
0.3082

50.4778, 0.3434,
0.3809

53.9881, 0.2873,
0.2863

49.8627, 0.3580,
0.4058

55.1489, 0.2753,
0.2661

49.3433, 0.3720,
0.4297

55.7414, 0.2702,
0.2574

48.9146, 0.3848,
0.4516

55.7871, 0.2705,
0.2575

■ 48.5706, 0.3958,
0.4707

■ 55.8328, 0.2707,
0.2575

■ 48.3050, 0.4046,
0.4861

■ 55.8787, 0.2709,
0.2576

■ 48.1105, 0.4108,
0.4974

■ 55.9247, 0.2712,
0.2576

■ 47.9784, 0.4145,
0.5043

■ 55.9708, 0.2714,
0.2577

Harmonies

Analogous

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



52.0121, 0.3152, 0.3312



52.0121, 0.3142, 0.3315



52.0121, 0.3128, 0.3311

Triad

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



52.0121, 0.3142, 0.3315



52.0121, 0.3099, 0.3277



52.0121, 0.3140, 0.3278

Complementary

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



52.0121, 0.3142, 0.3315



50.9857, 0.3112, 0.3265

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.



52.0121, 0.3126, 0.3269



52.0121, 0.3142, 0.3315



52.0121, 0.3103, 0.3269

Square

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



52.0121, 0.3142, 0.3315



52.0121, 0.3104, 0.3290



52.0121, 0.3113, 0.3266



52.0121, 0.3151, 0.3291

Rectangle

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



52.0121, 0.3142, 0.3315



52.0121, 0.3119, 0.3306



52.0121, 0.3113, 0.3266



52.0121, 0.3136, 0.3275

Sweetspot

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



52.0143, 0.3142, 0.3315



93.3107, 0.3127, 0.3290



51.1657, 0.3144, 0.3290



20.4902, 0.3127, 0.3290



97.7402, 0.3127, 0.3290

Same Dimension

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



52.0143, 0.3142, 0.3315



93.1505, 0.3142, 0.3314



51.8854, 0.3134, 0.3315



11.2627, 0.3140, 0.3312



31.4778, 0.4162, 0.5077



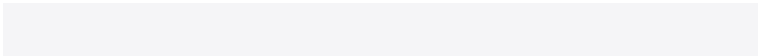
1.2359, 0.4170, 0.5071

Inverse Universe

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



50.9857, 0.3112, 0.3265



91.3655, 0.3113, 0.3266



51.1138, 0.3120, 0.3265



11.0640, 0.3114, 0.3268



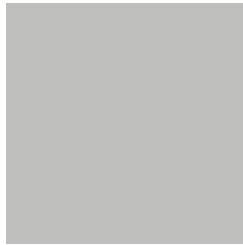
2.4907, 0.1507, 0.0604



0.1004, 0.1533, 0.0618

Previews

White Background



This preview shows how the Yxy color 52.0121, 0.3142, 0.3315 looks on a white background.

Color Contrast Check

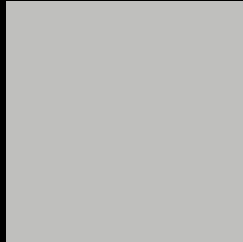
Large Text (above 18pt) WCAG AA × Fail

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 52.0121, 0.3142, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

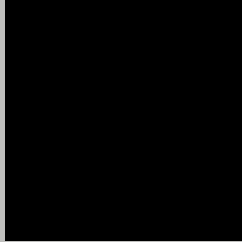
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

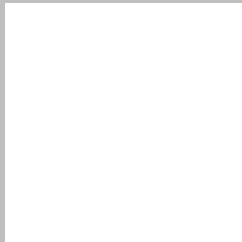
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0121, 0.3142, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 52.0121, 0.3142, 0.3315.



This preview shows how white text looks on a background with the Yxy color 52.0121, 0.3142, 0.3315.

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

52.0121, 0.3142, 0.3315

Protanopia

52.0599, 0.3184, 0.3315

Deuteranopia

51.9709, 0.3291, 0.3231



Tritanopia

52.0923, 0.3047, 0.3107

Trichromacy



Original Color

52.0121, 0.3142, 0.3315

Protanomaly

51.9271, 0.3175, 0.3315

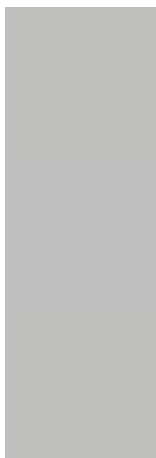
Deuteranomaly

51.8149, 0.3229, 0.3254

Tritanomaly

52.1569, 0.3076, 0.3179

Monochromacy



Original Color

52.0121, 0.3142, 0.3315

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0557, 0.3135, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0121, 0.3142, 0.3315 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(191, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 189)  
}
```

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(191, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 189) }
```

Border

The CSS property to change the border of an element to Yxy 52.0121, 0.3142, 0.3315 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(191, 191, 189) }
```

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

```
.border{ border-color:rgb(191, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 191, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 191, 189); box-shadow:4px 4px 4px 4px rgb(191, 191, 189) }
```

Background

The CSS property to change the background color of an element to Yxy 52.0121, 0.3142, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 191, 189) }
```

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

```
.background{ background-color: rgb(191,  
191, 189) }
```

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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