

Converting Colors

Yxy(50.2873, 0.3122, 0.3428)

Have a look what the booklet for
Yxy(50.2873, 0.3122, 0.3428)
contains.

Yxy(50.2602, 0.3120, 0.3432)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.2602, 0.3120, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	B4BFB4
RGB	180, 191, 180
RGB Percent	71%, 75%, 71%
CMY	0.2942, 0.2510, 0.2940
CMYK	0.06, 0.00, 0.06, 0.25
HSL	120°, 8%, 73%
HSV	120°, 6%, 75%
XYZ	45.6911, 50.2602, 50.4945
YIQ	186.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

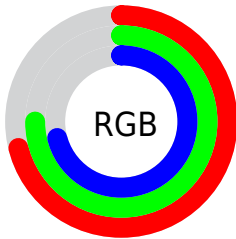
Format	Color
RYB	180, 191, 191
Decimal	11845556
CIELab	76.23, -5.85, 4.21
CIElCh	76, 7.210, 144.296
Yxy	50.2602, 0.3120, 0.3432
Android (android.graphics.Color)	4290035636 (0xFFB4BFB4)
YUV	186.4570, -3.1833, -5.6628
Hunter-Lab	70.8944, -9.0229, 7.3968

Details

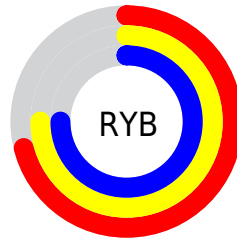
The Yxy color **50.2602, 0.3120, 0.3432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4710, 0.3134, 0.3152**, and the grayscale version is **49.3927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4105, 0.3122, 0.3401**, and **24.2213, 0.3118, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **47.4039, 0.3106, 0.3705**, and if you desaturate by 10%, it is **53.5428, 0.3132, 0.3193**.

Distribution



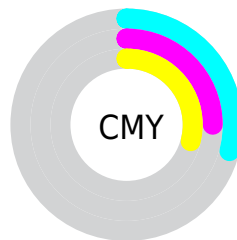
- Red (71%)
- Green (75%)
- Blue (71%)



- Red (71%)
- Yellow (75%)
- Blue (75%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (29%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2602, 0.3120, 0.3432 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 50.2602, 0.3120, 0.3432 by changing the saturation by 10% instead.


 50.2602, 0.3120,
0.3432

 50.2602, 0.3120,
0.3432

387.6826, 0.3124,
0.3361

 35.6202, 0.3119,
0.3450


 90.5603, 0.3121,
0.3406

 24.1410, 0.3118,
0.3472


116.9891, 0.3122,
0.3397

 15.4383, 0.3116,
0.3502


148.1164, 0.3122,
0.3389

 9.1275, 0.3113,
0.3544

184.3265, 0.3123,
0.3382

 4.8245, 0.3108,
0.3607

226.0037, 0.3123,
0.3375

 2.1446, 0.3099,
0.3711

273.5326, 0.3123,

 0.6896, 0.3090,

0.3370

0.4157

327.2974, 0.3124,
0.3365

0.0000, 0.0000,
0.0000

50.2602, 0.3120,
0.3432

50.2602, 0.3120,
0.3432

47.4039, 0.3106,
0.3705

53.5428, 0.3132,
0.3193

44.9503, 0.3091,
0.4012

57.2614, 0.3143,
0.2986

42.8832, 0.3075,
0.4347

61.4335, 0.3152,
0.2809

41.1831, 0.3058,
0.4700

65.7444, 0.3157,
0.2663

39.8283, 0.3041,
0.5052

■ 38.7954, 0.3026,
0.5379

■ 38.0576, 0.3013,
0.5653

■ 37.5841, 0.3005,
0.5852

■ 37.3365, 0.3001,
0.5965

Harmonies

Analogous

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



50.2602, 0.3217, 0.3462



50.2602, 0.3120, 0.3432



50.2602, 0.3026, 0.3362

Triad

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



50.2602, 0.3120, 0.3432



50.2602, 0.2965, 0.3136



50.2602, 0.3298, 0.3303

Complementary

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



50.2602, 0.3120, 0.3432



47.4710, 0.3134, 0.3152

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.



50.2602, 0.3228, 0.3219



50.2602, 0.3120, 0.3432



50.2602, 0.3036, 0.3124

Square

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



50.2602, 0.3120, 0.3432



50.2602, 0.2937, 0.3191



50.2602, 0.3132, 0.3154



50.2602, 0.3321, 0.3385

Rectangle

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



50.2602, 0.3120, 0.3432



50.2602, 0.2977, 0.3304



50.2602, 0.3132, 0.3154



50.2602, 0.3279, 0.3274

Sweetspot

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



50.2624, 0.3120, 0.3432



92.1211, 0.3125, 0.3339



51.6361, 0.3211, 0.3429



20.2418, 0.3125, 0.3336



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.



50.2624, 0.3120, 0.3432



89.2852, 0.3118, 0.3467



50.4890, 0.3079, 0.3361



10.7701, 0.3118, 0.3476



24.4898, 0.2999, 0.5996



0.9596, 0.2994, 0.5979

Inverse Universe

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



47.4710, 0.3134, 0.3152



83.1823, 0.3136, 0.3120



47.2354, 0.3178, 0.3220



9.9963, 0.3136, 0.3111



9.7211, 0.3223, 0.1549



0.3811, 0.3219, 0.1547

Previews

White Background



This preview shows how the Yxy color 50.2602, 0.3120, 0.3432 looks on a white background.

Color Contrast Check

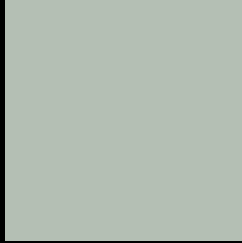
Large Text (above 18pt) WCAG AA × Fail

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 50.2602, 0.3120, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

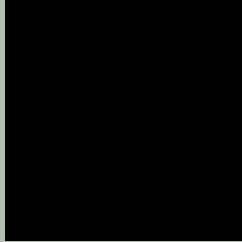
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

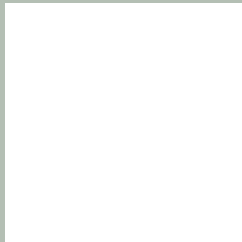
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2602, 0.3120, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 50.2602, 0.3120, 0.3432.



This preview shows how white text looks on a background with the Yxy color 50.2602, 0.3120, 0.3432.

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

50.2602, 0.3120, 0.3432

Protanopia

50.0925, 0.3248, 0.3404

Deuteranopia

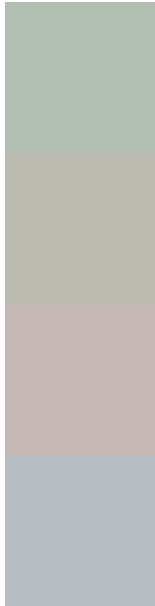
50.2432, 0.3352, 0.3291



Tritanopia

50.4686, 0.2983, 0.3102

Trichromacy



Original Color

50.2602, 0.3120, 0.3432

Protanomaly

49.9125, 0.3197, 0.3405

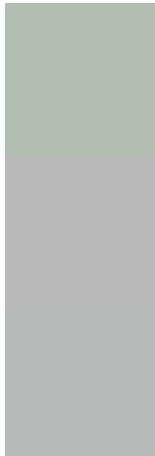
Deuteranomaly

50.0399, 0.3269, 0.3340

Tritanomaly

50.4026, 0.3034, 0.3214

Monochromacy



Original Color

50.2602, 0.3120, 0.3432

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.6175, 0.3125, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2602, 0.3120, 0.3432 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, 191, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 180)  
}
```

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, 191, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 180) }
```

Border

The CSS property to change the border of an element to Yxy 50.2602, 0.3120, 0.3432 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, 191, 180) }
```

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

```
.border{ border-color:rgb(180, 191, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 191, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2602, 0.3120, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 180) }
```

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

```
.background{ background-color: rgb(180,  
191, 180) }
```

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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