

Converting Colors

$Yxy(56.3519, 0.3187, 0.3537)$

Have a look what the booklet for
Yxy(56.3519, 0.3187, 0.3537)
contains.

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Color

Yxy(56.2271, 0.3186, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	BFC9B6
RGB	191, 201, 182
RGB Percent	75%, 79%, 71%
CMY	0.2512, 0.2117, 0.2863
CMYK	0.05, 0.00, 0.09, 0.21
HSL	92°, 15%, 75%
HSV	92°, 9%, 79%
XYZ	50.8053, 56.2271, 52.4319
YIQ	195.8440, 0.1390, -8.0290

Conversions

Conversions Part 2

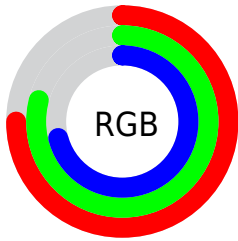
Format	Color
RYB	182, 201, 192
Decimal	12569014
CIELab	79.74, -6.90, 8.31
CIElCh	80, 10.804, 129.707
Yxy	56.2271, 0.3186, 0.3526
Android (android.graphics.Color)	4290759094 (0xFFBFC9B6)
YUV	195.8440, -6.8251, -4.2482
Hunter-Lab	74.9847, -10.2820, 11.0317

Details

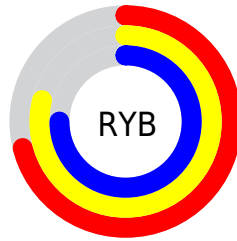
The Yxy color $56.2271, 0.3186, 0.3526$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.8921, 0.3064, 0.3055$, and the grayscale version is $55.1416, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4672, 0.3176, 0.3456$, and $27.8557, 0.3207, 0.3591$ is the 20% darker color. If you saturate the color by 10%, you get $54.1264, 0.3247, 0.3797$, and if you desaturate by 10%, it is $58.5524, 0.3124, 0.3277$.

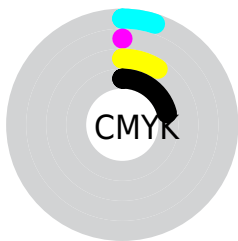
Distribution



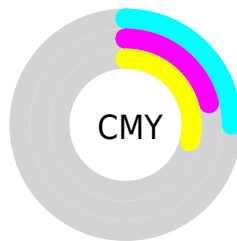
- Red (75%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2271, 0.3186, 0.3526 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 56.2271, 0.3186, 0.3526 by changing the saturation by 10% instead.

■ 56.2271, 0.3186,
0.3526

■ 56.2271, 0.3186,
0.3526

410.5468, 0.3158,
0.3410

■ 40.3850, 0.3192,
0.3554

■ 99.3365, 0.3176,
0.3484

■ 27.8389, 0.3201,
0.3590

127.3727, 0.3173,
0.3469

■ 18.2042, 0.3211,
0.3638

160.2424, 0.3169,
0.3455

■ 11.0967, 0.3224,
0.3702

198.3299, 0.3166,
0.3444

■ 6.1319, 0.3243,
0.3797

242.0197, 0.3164,
0.3434

■ 2.9255, 0.3270,
0.3947

291.6962, 0.3162,

■ 1.0929, 0.3369,

0.3425

0.4298

347.7438, 0.3160,
0.3417

0.0000, 0.0000,
0.0000

56.2271, 0.3186,
0.3526

56.2271, 0.3186,
0.3526

54.1264, 0.3247,
0.3797

58.5524, 0.3124,
0.3277

52.2358, 0.3305,
0.4085

61.1019, 0.3063,
0.3051

50.5502, 0.3356,
0.4386

63.8845, 0.3004,
0.2848

49.0614, 0.3396,
0.4687

66.4197, 0.2996,
0.2736

47.7607, 0.3421,
0.4977

68.2726, 0.3073,
0.2749

■ 46.6385, 0.3427,
0.5240

■ 70.2357, 0.3151,
0.2762

■ 45.6841, 0.3412,
0.5460

■ 70.2630, 0.3152,
0.2762

■ 44.8853, 0.3376,
0.5626

■ 44.2222, 0.3325,
0.5738

Harmonies

Analogous

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



56.2271, 0.3315, 0.3534



56.2271, 0.3186, 0.3526



56.2271, 0.3043, 0.3450

Triad

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



56.2271, 0.3186, 0.3526



56.2271, 0.2866, 0.3099



56.2271, 0.3332, 0.3248

Complementary

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



56.2271, 0.3186, 0.3526



48.8921, 0.3064, 0.3055

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.



56.2271, 0.3208, 0.3138



56.2271, 0.3186, 0.3526



56.2271, 0.2939, 0.3052

Square

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



56.2271, 0.3186, 0.3526



56.2271, 0.2861, 0.3200



56.2271, 0.3064, 0.3067



56.2271, 0.3401, 0.3370

Rectangle

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



56.2271, 0.3186, 0.3526



56.2271, 0.2960, 0.3372



56.2271, 0.3064, 0.3067



56.2271, 0.3295, 0.3208

Sweetspot

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



56.2295, 0.3186, 0.3526



98.7563, 0.3146, 0.3364



53.4221, 0.3278, 0.3411



21.0680, 0.3151, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



56.2295, 0.3186, 0.3526



95.6124, 0.3196, 0.3570



55.1191, 0.3114, 0.3527



12.1282, 0.3185, 0.3524



27.8316, 0.3333, 0.5736



1.3608, 0.3497, 0.5605

Inverse Universe

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



48.8921, 0.3064, 0.3055



80.9751, 0.3051, 0.3011



50.0806, 0.3140, 0.3064



10.5594, 0.3064, 0.3057



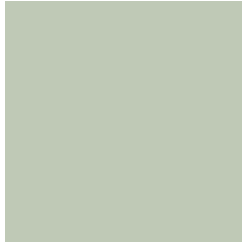
4.6528, 0.2092, 0.0926



0.2632, 0.2315, 0.1049

Previews

White Background



This preview shows how the Yxy color 56.2271, 0.3186, 0.3526 looks on a white background.

Color Contrast Check

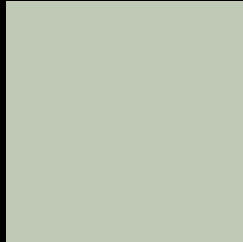
Large Text (above 18pt) WCAG AA × Fail

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 56.2271, 0.3186, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

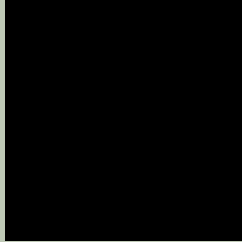
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

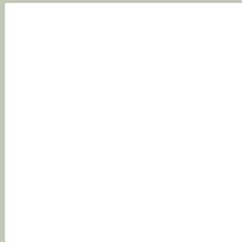
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2271, 0.3186, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 56.2271, 0.3186, 0.3526.



This preview shows how white text looks on a background with the Yxy color 56.2271, 0.3186, 0.3526.

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

56.2271, 0.3186, 0.3526

Protanopia

56.2069, 0.3320, 0.3495

Deuteranopia

56.0944, 0.3432, 0.3372



Tritanopia

56.4217, 0.3012, 0.3111

Trichromacy



Original Color

56.2271, 0.3186, 0.3526

Protanomaly

56.0037, 0.3270, 0.3498

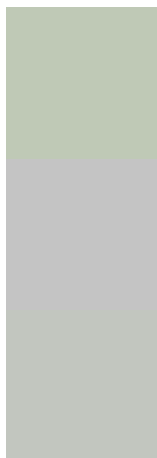
Deuteranomaly

56.1507, 0.3341, 0.3433

Tritanomaly

56.0745, 0.3074, 0.3254

Monochromacy



Original Color

56.2271, 0.3186, 0.3526

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.6191, 0.3147, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2271, 0.3186, 0.3526 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, 201, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 182)  
}
```

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, 201, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 182) }
```

Border

The CSS property to change the border of an element to Yxy 56.2271, 0.3186, 0.3526 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, 201, 182) }
```

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

```
.border{ border-color:rgb(191, 201, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 201, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 201, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 201, 182); box-shadow:4px 4px 4px 4px rgb(191, 201, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2271, 0.3186, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 182) }
```

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

```
.background{ background-color: rgb(191,  
201, 182) }
```

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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