

Converting Colors

Yxy(62.9052, 0.3260, 0.3536)

Have a look what the booklet for
Yxy(62.9052, 0.3260, 0.3536)
contains.

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Color

Yxy(63.1772, 0.3260, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	D0D2BD
RGB	208, 210, 189
RGB Percent	82%, 82%, 74%
CMY	0.1842, 0.1765, 0.2590
CMYK	0.01, 0.00, 0.10, 0.18
HSL	66°, 19%, 78%
HSV	66°, 10%, 82%
XYZ	58.2459, 63.1772, 57.2454
YIQ	207.0080, 5.5490, -6.9550

Conversions

Conversions Part 2

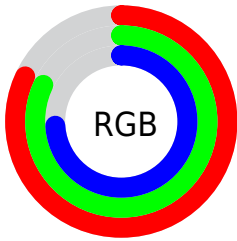
Format	Color
RYB	189, 210, 191
Decimal	13685437
CIELab	83.54, -4.34, 10.19
CIELCh	84, 11.077, 113.042
Yxy	63.1772, 0.3260, 0.3536
Android (android.graphics.Color)	4291875517 (0xFFD0D2BD)
YUV	207.0080, -8.8779, 0.8700
Hunter-Lab	79.4841, -8.2923, 12.9375

Details

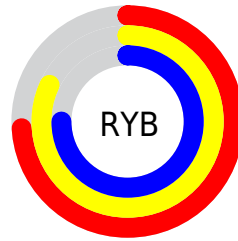
The Yxy color **63.1772, 0.3260, 0.3536** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0997, 0.2987, 0.3034**, and the grayscale version is **62.4599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **32.4245, 0.3293, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **62.0491, 0.3395, 0.3790**, and if you desaturate by 10%, it is **64.4464, 0.3127, 0.3290**.

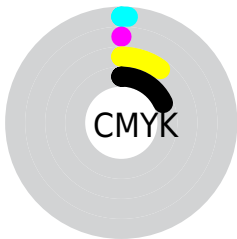
Distribution



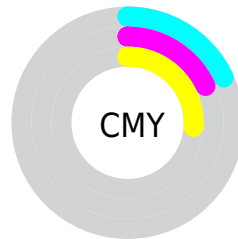
- Red (82%)
- Green (82%)
- Blue (74%)



- Red (74%)
- Yellow (82%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1772, 0.3260, 0.3536 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 63.1772, 0.3260, 0.3536 by changing the saturation by 10% instead.

■ 63.1772, 0.3260,
0.3536

■ 63.1772, 0.3260,
0.3536

436.2123, 0.3197,
0.3418

■ 45.9846, 0.3275,
0.3564

■ 109.4251, 0.3238,
0.3494

■ 32.2337, 0.3293,
0.3599

139.2492, 0.3230,
0.3478

■ 21.5400, 0.3316,
0.3644

174.0526, 0.3222,
0.3465

■ 13.5193, 0.3346,
0.3705

214.2196, 0.3216,
0.3453

■ 7.7871, 0.3389,
0.3792

260.1347, 0.3211,
0.3443

■ 3.9590, 0.3451,
0.3922

312.1822, 0.3206,

■ 1.6507, 0.3550,

0.3433

0.4144

370.7466, 0.3201,
0.3425

0.3914, 0.4048,
0.5952

0.0000, 0.0000,
0.0000

63.1772, 0.3260,
0.3536

63.1772, 0.3260,
0.3536

62.0491, 0.3395,
0.3790

64.4464, 0.3127,
0.3290

61.0482, 0.3529,
0.4047

65.8538, 0.3000,
0.3058

60.1712, 0.3657,
0.4298

67.4071, 0.2880,
0.2842

59.4114, 0.3773,
0.4533

67.8996, 0.2875,
0.2813

■ 58.7617, 0.3871,
0.4741

■ 68.2017, 0.2888,
0.2815

■ 58.2142, 0.3948,
0.4915

■ 68.5073, 0.2902,
0.2817

■ 57.7596, 0.3999,
0.5047

■ 68.8165, 0.2915,
0.2819

■ 57.3871, 0.4024,
0.5134

■ 69.1294, 0.2929,
0.2821

■ 57.0775, 0.4028,
0.5184

■ 69.4460, 0.2942,
0.2823

Harmonies

Analogous

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



63.1772, 0.3364, 0.3506



63.1772, 0.3260, 0.3536



63.1772, 0.3122, 0.3497

Triad

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



63.1772, 0.3260, 0.3536



63.1772, 0.2858, 0.3152



63.1772, 0.3266, 0.3185

Complementary

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



63.1772, 0.3260, 0.3536



52.0997, 0.2987, 0.3034

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.



63.1772, 0.3127, 0.3095



63.1772, 0.3260, 0.3536



63.1772, 0.2894, 0.3074

Square

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



63.1772, 0.3260, 0.3536



63.1772, 0.2892, 0.3270



63.1772, 0.2992, 0.3054



63.1772, 0.3368, 0.3302

Rectangle

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



63.1772, 0.3260, 0.3536



63.1772, 0.3030, 0.3436



63.1772, 0.2992, 0.3054



63.1772, 0.3222, 0.3150

Sweetspot

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



63.1800, 0.3260, 0.3536



99.3810, 0.3167, 0.3363



54.5113, 0.3300, 0.3311



21.2369, 0.3178, 0.3383



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.



63.1800, 0.3260, 0.3536



97.6427, 0.3288, 0.3589



61.7351, 0.3181, 0.3542



13.7389, 0.3252, 0.3521



34.8396, 0.4031, 0.5182



1.9648, 0.4062, 0.5157

Inverse Universe

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



52.0997, 0.2987, 0.3034



77.1220, 0.2955, 0.2976



53.4816, 0.3068, 0.3040



11.4700, 0.2996, 0.3051



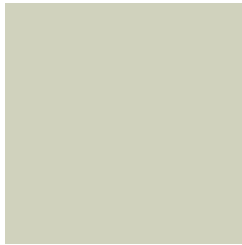
2.9468, 0.1534, 0.0619



0.1834, 0.1635, 0.0674

Previews

White Background



This preview shows how the Yxy color 63.1772, 0.3260, 0.3536 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 63.1772, 0.3260, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

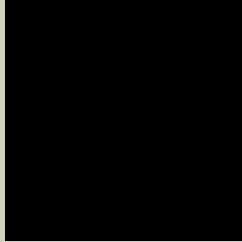
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

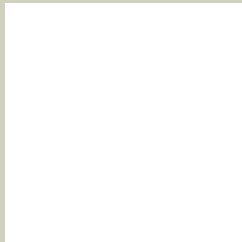
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1772, 0.3260, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 63.1772, 0.3260, 0.3536.



This preview shows how white text looks on a background with the Yxy color 63.1772, 0.3260, 0.3536.

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

63.1772, 0.3260, 0.3536

Protanopia

63.0082, 0.3341, 0.3508

Deuteranopia

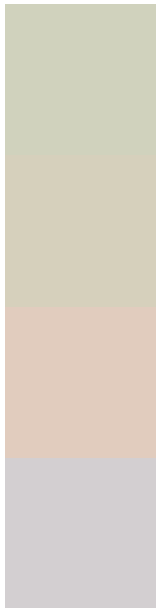
63.1970, 0.3474, 0.3401



Tritanopia

63.0292, 0.3076, 0.3110

Trichromacy



Original Color

63.1772, 0.3260, 0.3536

Protanomaly

63.0387, 0.3316, 0.3521

Deuteranomaly

62.9110, 0.3395, 0.3448

Tritanomaly

63.0780, 0.3143, 0.3267

Monochromacy



Original Color

63.1772, 0.3260, 0.3536

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5473, 0.3176, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1772, 0.3260, 0.3536 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(208, 210, 189)` looks like.

```
.text, #text, p{  
    color:rgb(208, 210, 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(208, 210, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 210, 189) }
```

Border

The CSS property to change the border of an element to Yxy 63.1772, 0.3260, 0.3536 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(208, 210, 189) }
```

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

```
.border{ border-color:rgb(208, 210, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 210, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 210, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 210, 189);  
box-shadow:4px 4px 4px 4px rgb(208, 210,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1772, 0.3260, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 210, 189) }
```

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

```
.background{ background-color: rgb(208,  
210, 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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