

Converting Colors

Yxy(64.3749, 0.3295, 0.3564)

Have a look what the booklet for
Yxy(64.3749, 0.3295, 0.3564)
contains.

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Color

Yxy(64.2164, 0.3296, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	D4D3BC
RGB	212, 211, 188
RGB Percent	83%, 83%, 74%
CMY	0.1687, 0.1725, 0.2626
CMYK	0.00, 0.00, 0.11, 0.17
HSL	58°, 22%, 78%
HSV	58°, 11%, 83%
XYZ	59.5212, 64.2164, 56.8485
YIQ	208.6770, 7.9790, -6.9410

Conversions

Conversions Part 2

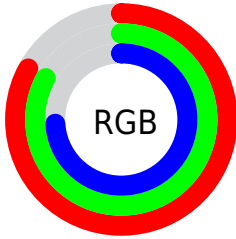
Format	Color
R _{YB}	189, 212, 188
Decimal	13947836
CIE Lab	84.08, -3.60, 11.50
CIE LCh	84, 12.053, 107.370
Yxy	64.2164, 0.3296, 0.3556
Android (android.graphics.Color)	4292137916 (0xFFD4D3BC)
YUV	208.6770, -10.1938, 2.9143
Hunter-Lab	80.1351, -7.6539, 14.0338

Details

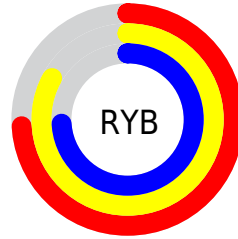
The Yxy color **64.2164, 0.3296, 0.3556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8431, 0.2950, 0.3009**, and the grayscale version is **63.6039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **33.0313, 0.3331, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **62.9431, 0.3450, 0.3798**, and if you desaturate by 10%, it is **65.6319, 0.3146, 0.3320**.

Distribution



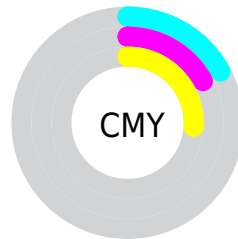
- Red (83%)
- Green (83%)
- Blue (74%)



- Red (74%)
- Yellow (83%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)





- Cyan (17%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2164, 0.3296, 0.3556 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 64.2164, 0.3296, 0.3556 by changing the saturation by 10% instead.


 64.2164, 0.3296,
0.3556

 64.2164, 0.3296,
0.3556


439.9707, 0.3217,
0.3429

 46.8260, 0.3314,
0.3586


 110.9225, 0.3268,
0.3511

 32.8981, 0.3337,
0.3623


141.0070, 0.3257,
0.3494

 22.0484, 0.3367,
0.3672


176.0916, 0.3248,
0.3479

 13.8925, 0.3405,
0.3737

216.5608, 0.3240,
0.3467

 8.0459, 0.3459,
0.3827

262.7989, 0.3233,
0.3455

 4.1243, 0.3537,
0.3964

315.1903, 0.3227,

 1.7434, 0.3662,

0.3446

0.4192

374.1194, 0.3222,
0.3437

■ 0.4515, 0.4305,
0.5695

■ 0.0000, 0.0000,
0.0000

■ 64.2164, 0.3296,
0.3556

■ 64.2164, 0.3296,
0.3556

■ 62.9431, 0.3450,
0.3798

■ 65.6319, 0.3146,
0.3320

■ 61.7978, 0.3605,
0.4038

■ 67.1867, 0.3004,
0.3095

■ 60.7769, 0.3756,
0.4269

■ 68.8887, 0.2871,
0.2883

■ 59.8738, 0.3895,
0.4480

■ 69.5415, 0.2851,
0.2859

■ 59.0810, 0.4018,
0.4663

■ 69.9809, 0.2852,
0.2868

■ 58.3901, 0.4119,
0.4809

■ 70.4225, 0.2852,
0.2877

■ 57.7916, 0.4194,
0.4911

■ 70.8665, 0.2852,
0.2887

■ 57.2742, 0.4242,
0.4971

■ 71.3128, 0.2853,
0.2896

■ 56.8728, 0.4267,
0.4994

■ 71.7615, 0.2853,
0.2906

Harmonies

Analogous

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



64.2164, 0.3398, 0.3510



64.2164, 0.3296, 0.3556



64.2164, 0.3151, 0.3528

Triad

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



64.2164, 0.3296, 0.3556



64.2164, 0.2838, 0.3162



64.2164, 0.3250, 0.3155

Complementary

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



64.2164, 0.3296, 0.3556



51.8431, 0.2950, 0.3009

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.



64.2164, 0.3098, 0.3066



64.2164, 0.3296, 0.3556



64.2164, 0.2862, 0.3067

Square

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



64.2164, 0.3296, 0.3556



64.2164, 0.2888, 0.3295



64.2164, 0.2957, 0.3034



64.2164, 0.3372, 0.3278

Rectangle

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



64.2164, 0.3296, 0.3556



64.2164, 0.3049, 0.3470



64.2164, 0.2957, 0.3034



64.2164, 0.3201, 0.3120

Sweetspot

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



64.2192, 0.3296, 0.3556



99.3184, 0.3172, 0.3360



53.6559, 0.3318, 0.3276



21.2200, 0.3184, 0.3379



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.



64.2192, 0.3296, 0.3556



96.9863, 0.3340, 0.3624



63.1564, 0.3212, 0.3574



14.4292, 0.3267, 0.3511



35.1537, 0.4265, 0.4995



2.1478, 0.4252, 0.5006

Inverse Universe

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



51.8431, 0.2950, 0.3009



73.9096, 0.2902, 0.2932



52.8458, 0.3035, 0.3005



12.0889, 0.2981, 0.3059



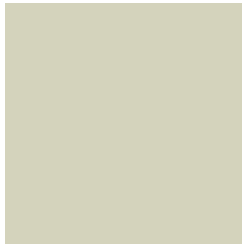
3.0856, 0.1508, 0.0628



0.2153, 0.1532, 0.0715

Previews

White Background



This preview shows how the Yxy color 64.2164, 0.3296, 0.3556 looks on a white background.

Color Contrast Check

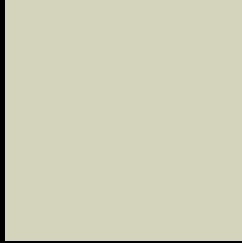
Large Text (above 18pt) WCAG AA × Fail

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 64.2164, 0.3296, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

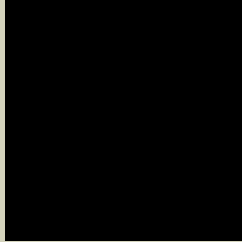
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

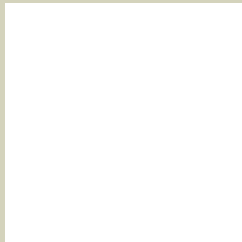
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2164, 0.3296, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 64.2164, 0.3296, 0.3556.



This preview shows how white text looks on a background with the Yxy color 64.2164, 0.3296, 0.3556.

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

64.2164, 0.3296, 0.3556

Protanopia

64.2489, 0.3361, 0.3541

Deuteranopia

63.9633, 0.3496, 0.3422



Tritanopia

64.1683, 0.3098, 0.3112

Trichromacy



Original Color

64.2164, 0.3296, 0.3556

Protanomaly

64.2800, 0.3336, 0.3554

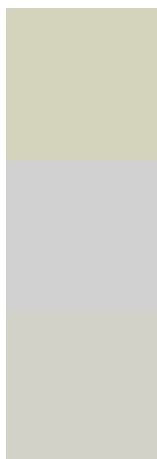
Deuteranomaly

63.8307, 0.3425, 0.3469

Tritanomaly

64.2120, 0.3166, 0.3268

Monochromacy



Original Color

64.2164, 0.3296, 0.3556

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0119, 0.3190, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2164, 0.3296, 0.3556 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(212, 211, 188)` looks like.

```
.text, #text, p{  
    color:rgb(212, 211, 188)  
}
```

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(212, 211, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 211, 188) }
```

Border

The CSS property to change the border of an element to Yxy 64.2164, 0.3296, 0.3556 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(212, 211, 188) }
```

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

```
.border{ border-color:rgb(212, 211, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 211, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 211, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 211, 188);  
box-shadow:4px 4px 4px 4px rgb(212, 211,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2164, 0.3296, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 211, 188) }
```

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

```
.background{ background-color: rgb(212,  
211, 188) }
```

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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