

Converting Colors

$Yxy(62.3744, 0.3318, 0.3454)$

Have a look what the booklet for
Yxy(62.3744, 0.3318, 0.3454)
contains.

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Color

Yxy(62.1759, 0.3322, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	D9CDBF
RGB	217, 205, 191
RGB Percent	85%, 80%, 75%
CMY	0.1490, 0.1961, 0.2510
CMYK	0.00, 0.06, 0.12, 0.15
HSL	32°, 25%, 80%
HSV	32°, 12%, 85%
XYZ	59.8517, 62.1759, 58.1401
YIQ	206.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

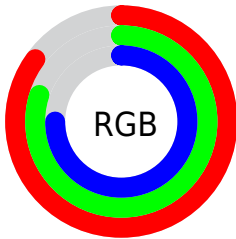
Format	Color
R_{YB}	213, 217, 191
Decimal	14273983
CIE Lab	83.01, 1.81, 8.45
CIE LCh	83, 8.637, 77.899
Yxy	62.1759, 0.3322, 0.3451
Android (android.graphics.Color)	4292464063 (0xFFD9CDBF)
YUV	206.9920, -7.8841, 8.7770
Hunter-Lab	78.8517, -2.5015, 11.4796

Details

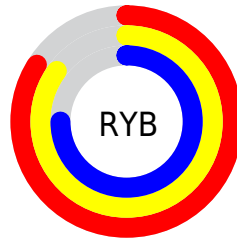
The Yxy color **62.1759, 0.3322, 0.3451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8027, 0.2941, 0.3124**, and the grayscale version is **62.4395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **31.6496, 0.3367, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **56.6526, 0.3508, 0.3593**, and if you desaturate by 10%, it is **68.1531, 0.3157, 0.3316**.

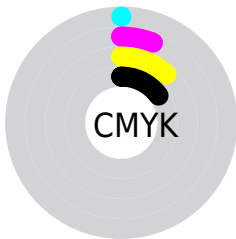
Distribution



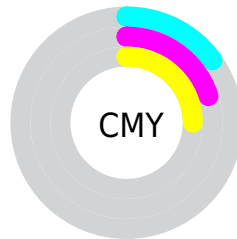
- Red (85%)
- Green (80%)
- Blue (75%)



- Red (84%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (15%)





- Cyan (15%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1759, 0.3322, 0.3451 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 62.1759, 0.3322, 0.3451 by changing the saturation by 10% instead.


 62.1759, 0.3322,
0.3451

 62.1759, 0.3322,
0.3451


432.5724, 0.3229,
0.3375

 45.1748, 0.3344,
0.3469

 107.9797, 0.3289,
0.3424

 31.5952, 0.3372,
0.3491


137.5513, 0.3277,
0.3414

 21.0525, 0.3407,
0.3520


172.0818, 0.3266,
0.3405

 13.1624, 0.3455,
0.3558

211.9556, 0.3256,
0.3397

 7.5404, 0.3522,
0.3611

257.5572, 0.3248,
0.3391

 3.8023, 0.3622,
0.3691

309.2710, 0.3241,

 1.5636, 0.3791,

0.3385

367.4812, 0.3235,
0.3379

0.3820

0.3329, 0.5200,
0.4800

0.0000, 0.0000,
0.0000

62.1759, 0.3322,
0.3451

62.1759, 0.3322,
0.3451

56.6526, 0.3508,
0.3593

68.1531, 0.3157,
0.3316

51.5632, 0.3717,
0.3738

74.5872, 0.3013,
0.3189

46.8977, 0.3947,
0.3881

81.4205, 0.2892,
0.3083

42.6429, 0.4195,
0.4014

87.3208, 0.2896,
0.3188

■ 38.7847, 0.4453,
0.4125

■ 93.4923, 0.2900,
0.3289

■ 35.3077, 0.4711,
0.4204

■ 32.1951, 0.4952,
0.4237

■ 29.4276, 0.5163,
0.4216

■ 27.4360, 0.5309,
0.4167

Harmonies

Analogous

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



62.1759, 0.3343, 0.3378



62.1759, 0.3322, 0.3451



62.1759, 0.3248, 0.3482

Triad

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



62.1759, 0.3322, 0.3451



62.1759, 0.2952, 0.3293



62.1759, 0.3109, 0.3128

Complementary

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



62.1759, 0.3322, 0.3451



58.8027, 0.2941, 0.3124

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.



62.1759, 0.3005, 0.3104



62.1759, 0.3322, 0.3451



62.1759, 0.2916, 0.3197

Square

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



62.1759, 0.3322, 0.3451



62.1759, 0.3035, 0.3390



62.1759, 0.2935, 0.3128



62.1759, 0.3219, 0.3193

Rectangle

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



62.1759, 0.3322, 0.3451



62.1759, 0.3180, 0.3473



62.1759, 0.2935, 0.3128



62.1759, 0.3072, 0.3114

Sweetspot

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



62.1786, 0.3322, 0.3451



96.3929, 0.3189, 0.3343



56.3355, 0.3247, 0.3151



20.4894, 0.3202, 0.3353



0.0000, 0.0000, 0.0000



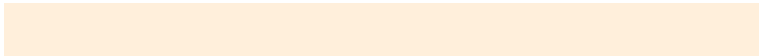
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1786, 0.3322, 0.3451



87.8429, 0.3360, 0.3481



68.0096, 0.3299, 0.3585



14.2069, 0.3278, 0.3416



16.8214, 0.5289, 0.4183



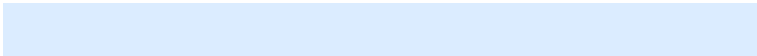
1.2615, 0.5062, 0.4363

Inverse Universe

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



58.8027, 0.2941, 0.3124



82.1906, 0.2907, 0.3091



53.4647, 0.2945, 0.2978



13.6028, 0.2982, 0.3161



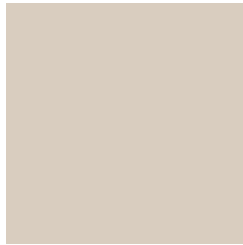
8.7763, 0.1739, 0.1460



0.7397, 0.1825, 0.1770

Previews

White Background



This preview shows how the Yxy color 62.1759, 0.3322, 0.3451 looks on a white background.

Color Contrast Check

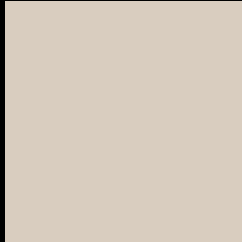
Large Text (above 18pt) WCAG AA × Fail

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 62.1759, 0.3322, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

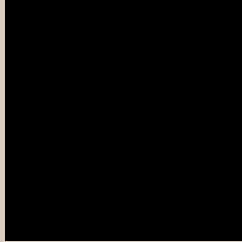
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

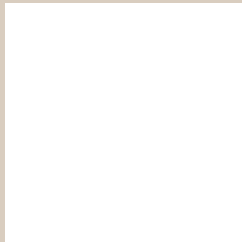
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1759, 0.3322, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 62.1759, 0.3322, 0.3451.

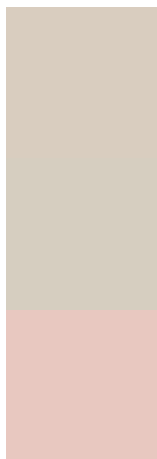


This preview shows how white text looks on a background with the Yxy color 62.1759, 0.3322, 0.3451.

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

62.1759, 0.3322, 0.3451

Protanopia

62.2445, 0.3290, 0.3452

Deuteranopia

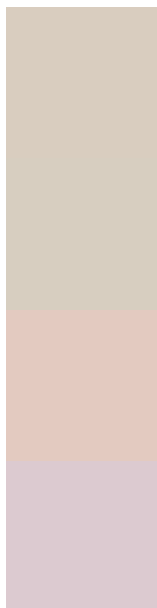
62.2701, 0.3443, 0.3379



Tritanopia

62.1552, 0.3166, 0.3113

Trichromacy



Original Color

62.1759, 0.3322, 0.3451

Protanomaly

62.3955, 0.3297, 0.3452

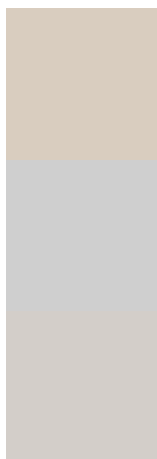
Deuteranomaly

62.3777, 0.3399, 0.3403

Tritanomaly

62.0108, 0.3223, 0.3223

Monochromacy



Original Color

62.1759, 0.3322, 0.3451

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2085, 0.3201, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1759, 0.3322, 0.3451 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(217, 205, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 191)  
}
```

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(217, 205, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 191) }
```

Border

The CSS property to change the border of an element to Yxy 62.1759, 0.3322, 0.3451 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(217, 205, 191) }
```

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

```
.border{ border-color:rgb(217, 205, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 205, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1759, 0.3322, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 191) }
```

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

```
.background{ background-color: rgb(217,  
205, 191) }
```

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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