

Converting Colors

Yxy(61.0221, 0.3327, 0.3425)

Have a look what the booklet for
Yxy(61.0221, 0.3327, 0.3425)
contains.

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Color

Yxy(61.2252, 0.3325, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	D9CBBF
RGB	217, 203, 191
RGB Percent	85%, 80%, 75%
CMY	0.1489, 0.2040, 0.2509
CMYK	0.00, 0.06, 0.12, 0.15
HSL	28°, 26%, 80%
HSV	28°, 12%, 85%
XYZ	59.3856, 61.2252, 57.9925
YIQ	205.8180, 12.1960, -0.7640

Conversions

Conversions Part 2

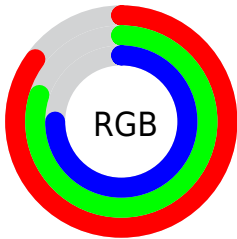
Format	Color
R _Y B	217, 213, 191
Decimal	14273471
CIE Lab	82.50, 2.88, 7.71
CIE LCh	82, 8.229, 69.503
Yxy	61.2252, 0.3325, 0.3428
Android (android.graphics.Color)	4292463551 (0xFFD9CBBF)
YUV	205.8180, -7.3053, 9.8066
Hunter-Lab	78.2465, -1.4580, 10.8297

Details

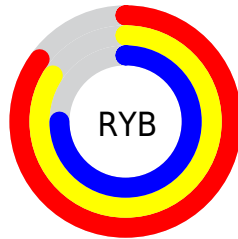
The Yxy color **61.2252, 0.3325, 0.3428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7895, 0.2942, 0.3148**, and the grayscale version is **61.6460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **31.0113, 0.3371, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **55.0138, 0.3517, 0.3550**, and if you desaturate by 10%, it is **68.0022, 0.3158, 0.3312**.

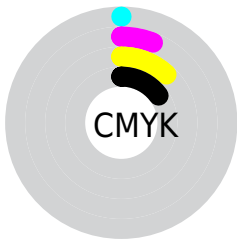
Distribution



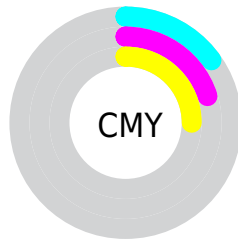
- Red (85%)
- Green (80%)
- Blue (75%)



- Red (85%)
- Yellow (84%)
- 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 61.2252, 0.3325, 0.3428 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 61.2252, 0.3325, 0.3428 by changing the saturation by 10% instead.


 61.2252, 0.3325,
0.3428

 61.2252, 0.3325,
0.3428


429.0992, 0.3230,
0.3363

 44.4069, 0.3347,
0.3443


 106.6049, 0.3291,
0.3405

 30.9906, 0.3376,
0.3462


135.9352, 0.3279,
0.3396

 20.5917, 0.3412,
0.3487


170.2049, 0.3268,
0.3389

 12.8258, 0.3461,
0.3520

209.7985, 0.3258,
0.3382

 7.3087, 0.3531,
0.3565

255.1003, 0.3250,
0.3376

 3.6559, 0.3636,
0.3633

306.4948, 0.3243,

 1.4830, 0.3814,

0.3371

364.3663, 0.3236,
0.3367

0.3743

0.2767, 0.5464,
0.4536

0.0000, 0.0000,
0.0000

61.2252, 0.3325,
0.3428

61.2252, 0.3325,
0.3428

55.0138, 0.3517,
0.3550

68.0022, 0.3158,
0.3312

49.3445, 0.3737,
0.3675

75.3513, 0.3013,
0.3204

44.2037, 0.3984,
0.3799

83.2160, 0.2894,
0.3115

39.5744, 0.4256,
0.3913

90.2706, 0.2898,
0.3237

■ 35.4384, 0.4545,
0.4007

■ 93.4975, 0.2900,
0.3289

■ 31.7761, 0.4840,
0.4068

■ 28.5661, 0.5122,
0.4084

■ 25.7845, 0.5370,
0.4046

■ 23.8393, 0.5541,
0.3983

Harmonies

Analogous

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



61.2252, 0.3329, 0.3350



61.2252, 0.3325, 0.3428



61.2252, 0.3267, 0.3470

Triad

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



61.2252, 0.3325, 0.3428



61.2252, 0.2978, 0.3320



61.2252, 0.3080, 0.3123

Complementary

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



61.2252, 0.3325, 0.3428



59.7895, 0.2942, 0.3148

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.



61.2252, 0.2987, 0.3113



61.2252, 0.3325, 0.3428



61.2252, 0.2929, 0.3225

Square

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



61.2252, 0.3325, 0.3428



61.2252, 0.3066, 0.3408



61.2252, 0.2933, 0.3149



61.2252, 0.3186, 0.3176

Rectangle

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



61.2252, 0.3325, 0.3428



61.2252, 0.3206, 0.3472



61.2252, 0.2933, 0.3149



61.2252, 0.3046, 0.3115

Sweetspot

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



61.2279, 0.3325, 0.3428



95.8961, 0.3190, 0.3335



56.4547, 0.3230, 0.3126



20.3637, 0.3202, 0.3344



0.0000, 0.0000, 0.0000



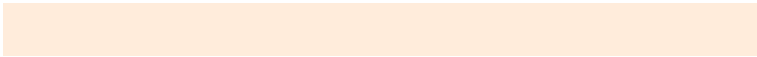
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2279, 0.3325, 0.3428



86.2205, 0.3364, 0.3454



67.4975, 0.3307, 0.3570



14.0335, 0.3280, 0.3398



14.6318, 0.5517, 0.4001



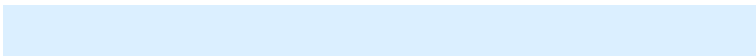
1.1190, 0.5247, 0.4216

Inverse Universe

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



59.7895, 0.2942, 0.3148



83.8136, 0.2908, 0.3121



53.9348, 0.2939, 0.2994



13.7763, 0.2982, 0.3180



10.9745, 0.1811, 0.1721



0.8827, 0.1888, 0.1998

Previews

White Background



This preview shows how the Yxy color 61.2252, 0.3325, 0.3428 looks on a white background.

Color Contrast Check

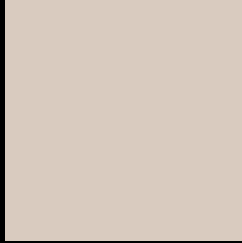
Large Text (above 18pt) WCAG AA × Fail

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 61.2252, 0.3325, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

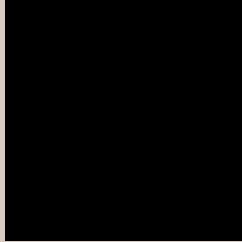
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2252, 0.3325, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 61.2252, 0.3325, 0.3428.



This preview shows how white text looks on a background with the Yxy color 61.2252, 0.3325, 0.3428.

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

61.2252, 0.3325, 0.3428

Protanopia

61.4655, 0.3275, 0.3441

Deuteranopia

61.0169, 0.3431, 0.3358



Tritanopia

60.9688, 0.3174, 0.3111

Trichromacy



Original Color

61.2252, 0.3325, 0.3428

Protanomaly

61.2876, 0.3292, 0.3429

Deuteranomaly

61.1219, 0.3386, 0.3381

Tritanomaly

60.8249, 0.3232, 0.3222

Monochromacy



Original Color

61.2252, 0.3325, 0.3428

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5813, 0.3194, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2252, 0.3325, 0.3428 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, 203, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 203, 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, 203, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 203, 191) }
```

Border

The CSS property to change the border of an element to Yxy 61.2252, 0.3325, 0.3428 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, 203, 191) }
```

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

```
.border{ border-color:rgb(217, 203, 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, 203, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 203, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 203, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 203,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2252, 0.3325, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 203, 191) }
```

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

```
.background{ background-color: rgb(217,  
203, 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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