

Converting Colors

Yxy(61.1144, 0.3537, 0.3459)

Have a look what the booklet for
Yxy(61.1144, 0.3537, 0.3459)
contains.

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Color

Yxy(61.2995, 0.3535, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	EAC6B7
RGB	234, 198, 183
RGB Percent	92%, 78%, 72%
CMY	0.0822, 0.2236, 0.2823
CMYK	0.00, 0.15, 0.22, 0.08
HSL	18°, 55%, 82%
HSV	18°, 22%, 92%
XYZ	62.6826, 61.2995, 53.3378
YIQ	207.0540, 26.2710, 2.9670

Conversions

Conversions Part 2

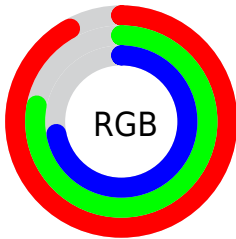
Format	Color
RYB	234, 204, 183
Decimal	15386295
CIELab	82.54, 10.48, 12.24
CIELCh	83, 16.109, 49.424
Yxy	61.2995, 0.3535, 0.3457
Android (android.graphics.Color)	4293576375 (0xFFEAC6B7)
YUV	207.0540, -11.8586, 23.6316
Hunter-Lab	78.2940, 5.8936, 14.4144

Details

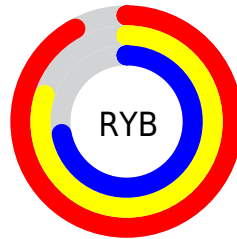
The Yxy color **61.2995, 0.3535, 0.3457** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7072, 0.2791, 0.3117**, and the grayscale version is **62.5028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **31.0232, 0.3645, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **53.2568, 0.3779, 0.3539**, and if you desaturate by 10%, it is **70.3350, 0.3329, 0.3378**.

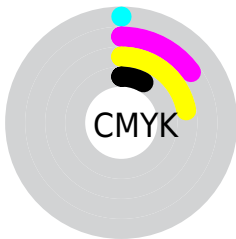
Distribution



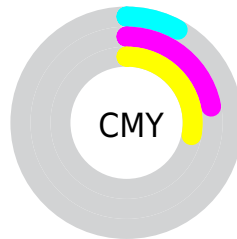
- Red (92%)
- Green (78%)
- Blue (72%)



- Red (92%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (8%)




- Cyan (8%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2995, 0.3535, 0.3457 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 61.2995, 0.3535, 0.3457 by changing the saturation by 10% instead.

 61.2995, 0.3535,
0.3457

 61.2995, 0.3535,
0.3457

429.3713, 0.3339,
0.3380

 44.4669, 0.3582,
0.3474


 106.7125, 0.3465,
0.3431

 31.0377, 0.3640,
0.3495


136.0616, 0.3439,
0.3420

 20.6276, 0.3716,
0.3522


170.3518, 0.3416,
0.3411

 12.8521, 0.3818,
0.3555

209.9674, 0.3397,
0.3404

 7.3268, 0.3961,
0.3599

255.2927, 0.3379,
0.3397

 3.6673, 0.4178,
0.3659

306.7122, 0.3364,

 1.4892, 0.4575,

0.3391

0.3766

364.6103, 0.3351,
0.3385

0.2811, 0.6504,
0.3496

0.0000, 0.0000,
0.0000

61.2995, 0.3535,
0.3457

61.2995, 0.3535,
0.3457

53.2568, 0.3779,
0.3539

70.3350, 0.3329,
0.3378

46.1641, 0.4064,
0.3619

80.3876, 0.3155,
0.3303

39.9878, 0.4391,
0.3691

91.4911, 0.3010,
0.3234

34.6890, 0.4751,
0.3746

96.2381, 0.3000,
0.3290

■ 30.2258, 0.5128,
0.3772

■ 26.5525, 0.5490,
0.3756

■ 23.6181, 0.5802,
0.3694

■ 21.7160, 0.6003,
0.3616

Harmonies

Analogous

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



61.2995, 0.3468, 0.3284



61.2995, 0.3535, 0.3457



61.2995, 0.3488, 0.3594

Triad

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



61.2995, 0.3535, 0.3457



61.2995, 0.2944, 0.3471



61.2995, 0.2907, 0.2946

Complementary

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



61.2995, 0.3535, 0.3457



66.7072, 0.2791, 0.3117

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.



61.2995, 0.2776, 0.2982



61.2995, 0.3535, 0.3457



61.2995, 0.2796, 0.3282

Square

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



61.2995, 0.3535, 0.3457



61.2995, 0.3143, 0.3610



61.2995, 0.2736, 0.3102



61.2995, 0.3101, 0.2996

Rectangle

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



61.2995, 0.3535, 0.3457



61.2995, 0.3400, 0.3645



61.2995, 0.2736, 0.3102



61.2995, 0.2855, 0.2948

Sweetspot

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



61.3023, 0.3535, 0.3457



91.1192, 0.3242, 0.3341



56.5182, 0.3265, 0.2895



19.3456, 0.3253, 0.3346



0.0000, 0.0000, 0.0000



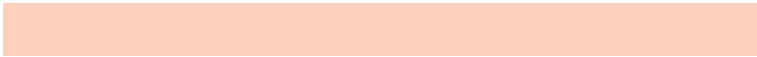
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3023, 0.3535, 0.3457



70.1103, 0.3636, 0.3492



73.6828, 0.3479, 0.3722



15.7744, 0.3286, 0.3360



12.3885, 0.5975, 0.3638



1.1341, 0.5703, 0.3854

Inverse Universe

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



66.7072, 0.2791, 0.3117



77.7276, 0.2725, 0.3078



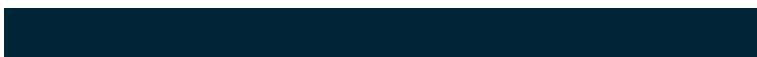
54.6280, 0.2769, 0.2817



16.3318, 0.2981, 0.3219



18.7539, 0.1974, 0.2306



1.6377, 0.2016, 0.2459

Previews

White Background



This preview shows how the Yxy color 61.2995, 0.3535, 0.3457 looks on a white background.

Color Contrast Check

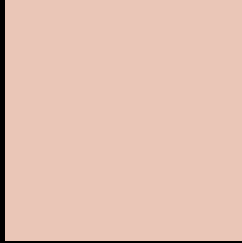
Large Text (above 18pt) WCAG AA × Fail

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 61.2995, 0.3535, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

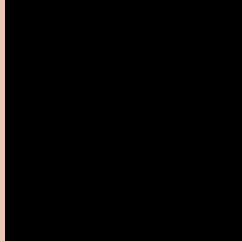
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2995, 0.3535, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 61.2995, 0.3535, 0.3457.



This preview shows how white text looks on a background with the Yxy color 61.2995, 0.3535, 0.3457.

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

61.2995, 0.3535, 0.3457

Protanopia

61.5466, 0.3328, 0.3499

Deuteranopia

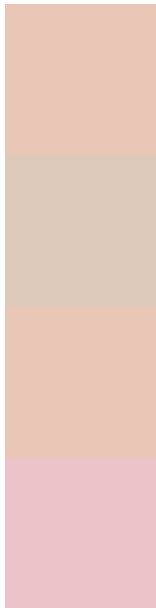
61.2995, 0.3535, 0.3457



Tritanopia

61.1915, 0.3360, 0.3129

Trichromacy



Original Color

61.2995, 0.3535, 0.3457

Protanomaly

61.1584, 0.3397, 0.3474

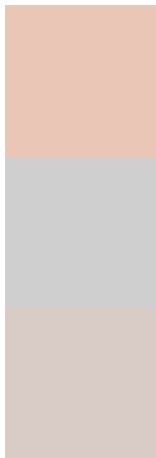
Deuteranomaly

61.2995, 0.3535, 0.3457

Tritanomaly

61.0332, 0.3422, 0.3236

Monochromacy



Original Color

61.2995, 0.3535, 0.3457

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0147, 0.3271, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2995, 0.3535, 0.3457 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(234, 198, 183)` looks like.

```
.text, #text, p{  
    color:rgb(234, 198, 183)  
}
```

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(234, 198, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 198, 183) }
```

Border

The CSS property to change the border of an element to Yxy 61.2995, 0.3535, 0.3457 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(234, 198, 183) }
```

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

```
.border{ border-color:rgb(234, 198, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 198, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 198, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 198, 183);  
box-shadow:4px 4px 4px 4px rgb(234, 198,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2995, 0.3535, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 198, 183) }
```

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

```
.background{ background-color: rgb(234,  
198, 183) }
```

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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