

Converting Colors

Yxy(60.9782, 0.3635, 0.3430)

Have a look what the booklet for
Yxy(60.9782, 0.3635, 0.3430)
contains.

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Color

Yxy(60.9745, 0.3636, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	F3C2B5
RGB	243, 194, 181
RGB Percent	95%, 76%, 71%
CMY	0.0470, 0.2392, 0.2901
CMYK	0.00, 0.20, 0.26, 0.05
HSL	13°, 72%, 83%
HSV	13°, 26%, 95%
XYZ	64.5989, 60.9745, 52.0913
YIQ	207.1690, 33.3770, 6.3450

Conversions

Conversions Part 2

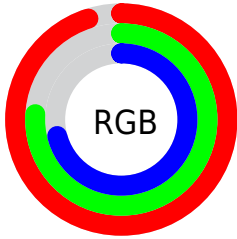
Format	Color
R _Y B	243, 197, 181
Decimal	15975093
CIE Lab	82.37, 15.62, 13.17
CIE LCh	82, 20.433, 40.141
Yxy	60.9745, 0.3636, 0.3432
Android (android.graphics.Color)	4294165173 (0xFFF3C2B5)
YUV	207.1690, -12.9013, 31.4238
Hunter-Lab	78.0862, 11.0181, 15.1080

Details

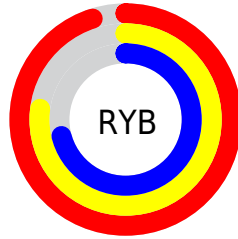
The Yxy color **60.9745, 0.3636, 0.3432** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9099, 0.2739, 0.3143**, and the grayscale version is **62.5830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3688, 0.3236, 0.3426**, and **30.7538, 0.3772, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **52.0584, 0.3911, 0.3491**, and if you desaturate by 10%, it is **71.1759, 0.3407, 0.3374**.

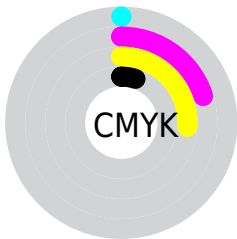
Distribution



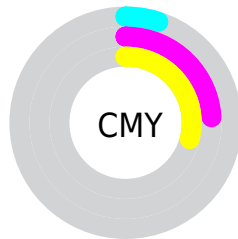
- Red (95%)
- Green (76%)
- Blue (71%)



- Red (95%)
- Yellow (77%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9745, 0.3636, 0.3432 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 60.9745, 0.3636, 0.3432 by changing the saturation by 10% instead.

 60.9745, 0.3636,
0.3432

 60.9745, 0.3636,
0.3432

428.1805, 0.3391,
0.3369

 44.2046, 0.3694,
0.3445


 106.2420, 0.3549,
0.3411

 30.8314, 0.3768,
0.3461


135.5084, 0.3516,
0.3402

 20.4705, 0.3863,
0.3481


169.7091, 0.3487,
0.3395

 12.7375, 0.3991,
0.3504

209.2284, 0.3463,
0.3389

 7.2480, 0.4171,
0.3533

254.4509, 0.3441,
0.3383

 3.6177, 0.4442,
0.3565

305.7607, 0.3422,

 1.4621, 0.4952,

0.3378

0.3633

363.5425, 0.3406,
0.3373

0.2618, 0.7065,
0.2935

0.0000, 0.0000,
0.0000

60.9745, 0.3636,
0.3432

60.9745, 0.3636,
0.3432

52.0584, 0.3911,
0.3491

71.1759, 0.3407,
0.3374

44.3681, 0.4235,
0.3547

82.7024, 0.3217,
0.3319

37.8518, 0.4607,
0.3593

95.6024, 0.3060,
0.3268

32.4507, 0.5013,
0.3620

97.7967, 0.3054,
0.3290

■ 28.1008, 0.5426,
0.3619

■ 24.7310, 0.5800,
0.3582

■ 22.2610, 0.6086,
0.3508

■ 21.4137, 0.6184,
0.3472

Harmonies

Analogous

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



60.9745, 0.3508, 0.3212



60.9745, 0.3636, 0.3432



60.9745, 0.3620, 0.3627

Triad

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



60.9745, 0.3636, 0.3432



60.9745, 0.2967, 0.3587



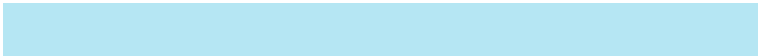
60.9745, 0.2786, 0.2858

Complementary

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



60.9745, 0.3636, 0.3432



72.9099, 0.2739, 0.3143

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.



60.9745, 0.2655, 0.2935



60.9745, 0.3636, 0.3432



60.9745, 0.2756, 0.3354

Square

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



60.9745, 0.3636, 0.3432



60.9745, 0.3227, 0.3732



60.9745, 0.2644, 0.3113



60.9745, 0.3011, 0.2890

Rectangle

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



60.9745, 0.3636, 0.3432



60.9745, 0.3531, 0.3716



60.9745, 0.2644, 0.3113



60.9745, 0.2730, 0.2871

Sweetspot

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



60.9773, 0.3636, 0.3432



88.8926, 0.3262, 0.3332



57.8608, 0.3253, 0.2773



18.6031, 0.3289, 0.3340



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.



60.9773, 0.3636, 0.3432



62.3120, 0.3783, 0.3465



75.9280, 0.3558, 0.3748



17.0446, 0.3288, 0.3340



11.9072, 0.6160, 0.3491



1.1889, 0.5928, 0.3675

Inverse Universe

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



72.9099, 0.2739, 0.3143



77.8555, 0.2659, 0.3106



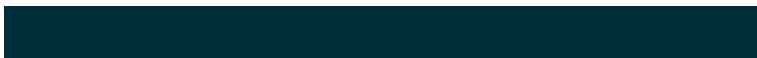
57.4300, 0.2707, 0.2785



18.1342, 0.2980, 0.3239



24.4739, 0.2056, 0.2602



2.2952, 0.2083, 0.2698

Previews

White Background



This preview shows how the Yxy color 60.9745, 0.3636, 0.3432 looks on a white background.

Color Contrast Check

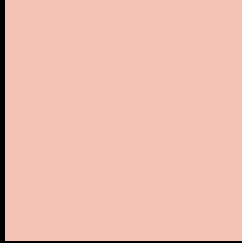
Large Text (above 18pt) WCAG AA × Fail

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 60.9745, 0.3636, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

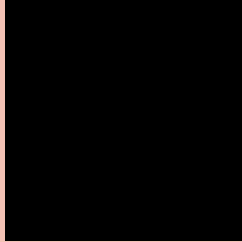
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9745, 0.3636, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 60.9745, 0.3636, 0.3432.



This preview shows how white text looks on a background with the Yxy color 60.9745, 0.3636, 0.3432.

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

60.9745, 0.3636, 0.3432

Protanopia

61.3539, 0.3327, 0.3512

Deuteranopia

61.1759, 0.3559, 0.3491



Tritanopia

60.8275, 0.3472, 0.3132

Trichromacy



Original Color

60.9745, 0.3636, 0.3432

Protanomaly

61.0813, 0.3438, 0.3484

Deuteranomaly

61.2323, 0.3586, 0.3478

Tritanomaly

60.6596, 0.3536, 0.3238

Monochromacy



Original Color

60.9745, 0.3636, 0.3432

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.5339, 0.3298, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9745, 0.3636, 0.3432 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(243, 194, 181)` looks like.

```
.text, #text, p{  
    color:rgb(243, 194, 181)  
}
```

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(243, 194, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 194, 181) }
```

Border

The CSS property to change the border of an element to Yxy 60.9745, 0.3636, 0.3432 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(243, 194, 181) }
```

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

```
.border{ border-color:rgb(243, 194, 181) }
```

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

Here you see how a box with a 4 pixel rgb(243, 194, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 194, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 194, 181);  
box-shadow:4px 4px 4px 4px rgb(243, 194,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9745, 0.3636, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 194, 181) }
```

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

```
.background{ background-color: rgb(243,  
194, 181) }
```

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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