

Converting Colors

$Yxy(90.5219, 0.3335, 0.3452)$

Have a look what the booklet for
Yxy(90.5219, 0.3335, 0.3452)
contains.

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Color

Yxy(90.2005, 0.3319, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2E1
RGB	255, 242, 225
RGB Percent	100%, 95%, 88%
CMY	0.0001, 0.0509, 0.1177
CMYK	0.00, 0.05, 0.12, 0.00
HSL	34°, 100%, 94%
HSV	34°, 12%, 100%
XYZ	86.5747, 90.2005, 84.0706
YIQ	243.9490, 13.2050, -2.5310

Conversions

Conversions Part 2

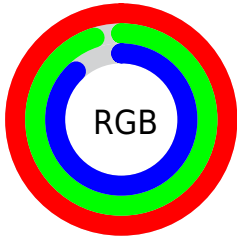
Format	Color
R _Y B	248, 255, 225
Decimal	16773857
CIE Lab	96.08, 1.58, 9.76
CIE LCh	96, 9.886, 80.826
Yxy	90.2005, 0.3319, 0.3458
Android (android.graphics.Color)	4294963937 (0xFFFFF2E1)
YUV	243.9490, -9.3419, 9.6917
Hunter-Lab	94.9739, -3.4904, 13.9984

Details

The Yxy color **90.2005, 0.3319, 0.3458** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.3435, 0.2943, 0.3116**, and the grayscale version is **90.4920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0259, 0.3357, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **82.5507, 0.3505, 0.3609**, and if you desaturate by 10%, it is **98.4614, 0.3154, 0.3314**.

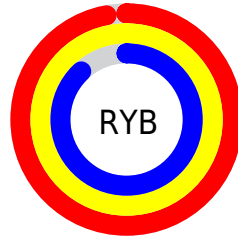
Distribution



Red (100%)

Green (95%)

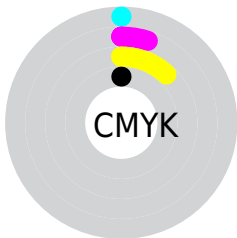
Blue (88%)



Red (97%)

Yellow (100%)

Blue (88%)

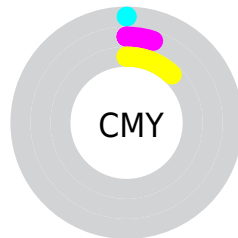


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.2005, 0.3319, 0.3458 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 90.2005, 0.3319, 0.3458 by changing the saturation by 10% instead.

 90.2005, 0.3319,
0.3458

 90.2005, 0.3319,
0.3458


528.6829, 0.3233,
0.3384

 68.1469, 0.3338,
0.3474


147.6169, 0.3290,
0.3433

 50.0173, 0.3361,
0.3494

183.7485, 0.3278,
0.3423

 35.4271, 0.3389,
0.3519


225.3415, 0.3268,
0.3414

 23.9921, 0.3426,
0.3550

272.7805, 0.3260,
0.3406

 15.3278, 0.3474,
0.3591

326.4497, 0.3252,
0.3400

 9.0497, 0.3540,
0.3647

386.7336, 0.3245,

 4.7736, 0.3638,

0.3394

0.3729

454.0165, 0.3239,
0.3388

■ 2.1151, 0.3795,
0.3859

■ 0.6731, 0.4838,
0.4802

■ 90.2005, 0.3319,
0.3458

■ 90.2005, 0.3319,
0.3458

■ 82.5507, 0.3505,
0.3609

■ 98.4614, 0.3154,
0.3314

■ 75.4840, 0.3711,
0.3762

99.9958, 0.3127,
0.3290

■ 68.9874, 0.3937,
0.3914

■ 63.0429, 0.4179,
0.4054

■ 57.6313, 0.4428,
0.4172

■ 52.7316, 0.4674,
0.4256

■ 48.3205, 0.4902,
0.4294

■ 44.3715, 0.5098,
0.4277

■ 41.4367, 0.5234,
0.4226

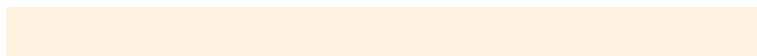
Harmonies

Analogous

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



90.2005, 0.3346, 0.3387



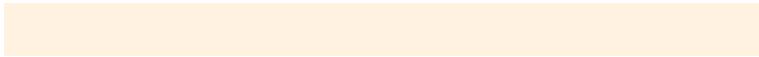
90.2005, 0.3319, 0.3458



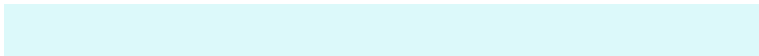
90.2005, 0.3240, 0.3484

Triad

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



90.2005, 0.3319, 0.3458



90.2005, 0.2944, 0.3283



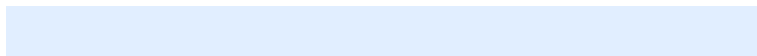
90.2005, 0.3119, 0.3131

Complementary

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



90.2005, 0.3319, 0.3458



84.3435, 0.2943, 0.3116

Split Complementary

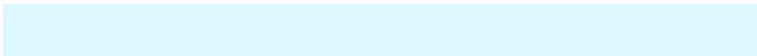
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2005, 0.3013, 0.3102



90.2005, 0.3319, 0.3458



90.2005, 0.2913, 0.3187

Square

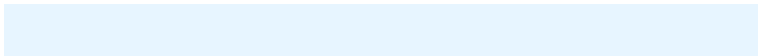
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.2005, 0.3319, 0.3458



90.2005, 0.3024, 0.3382



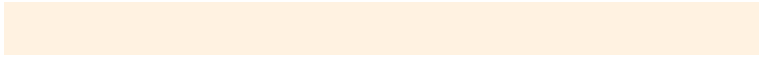
90.2005, 0.2938, 0.3122



90.2005, 0.3230, 0.3200

Rectangle

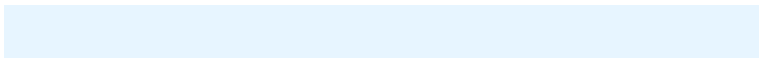
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.2005, 0.3319, 0.3458



90.2005, 0.3170, 0.3472



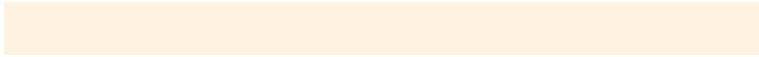
90.2005, 0.2938, 0.3122



90.2005, 0.3082, 0.3116

Sweetspot

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



90.2045, 0.3319, 0.3458



96.5797, 0.3189, 0.3346



81.2709, 0.3252, 0.3162



20.5367, 0.3201, 0.3356



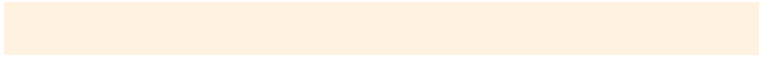
0.0000, 0.0000, 0.0000



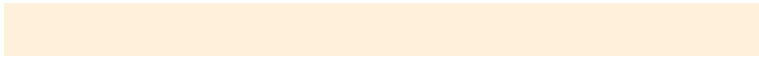
21.4041, 0.3127, 0.3290

Same Dimension

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



90.2045, 0.3319, 0.3458



88.4574, 0.3359, 0.3491



97.8200, 0.3291, 0.3583



19.6990, 0.3280, 0.3425



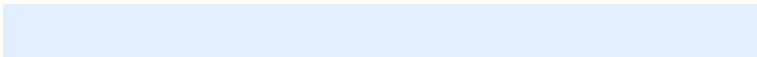
21.9583, 0.5212, 0.4243



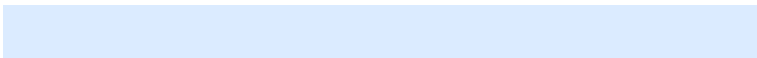
2.3553, 0.5064, 0.4361

Inverse Universe

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



84.3435, 0.2943, 0.3116



81.5890, 0.2906, 0.3080



77.3903, 0.2953, 0.2982



18.6691, 0.2979, 0.3151



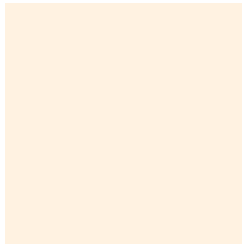
9.9076, 0.1710, 0.1355



1.1768, 0.1771, 0.1575

Previews

White Background



This preview shows how the Yxy color 90.2005, 0.3319, 0.3458 looks on a white background.

Color Contrast Check

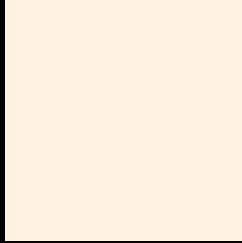
Large Text (above 18pt) WCAG AA × Fail

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 90.2005, 0.3319, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

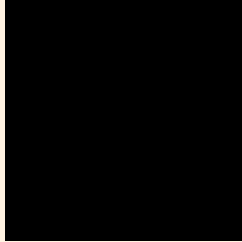
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.2005, 0.3319, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 90.2005, 0.3319, 0.3458.

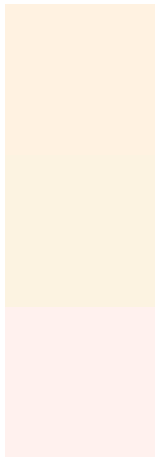


This preview shows how white text looks on a background with the Yxy color 90.2005, 0.3319, 0.3458.

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

90.2005, 0.3319, 0.3458

Protanopia

90.2329, 0.3298, 0.3469

Deuteranopia

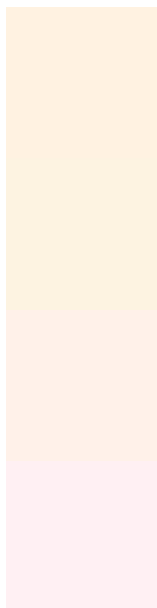
90.3436, 0.3238, 0.3320



Tritanopia

90.0849, 0.3147, 0.3155

Trichromacy



Original Color

90.2005, 0.3319, 0.3458

Protanomaly

90.4201, 0.3304, 0.3468

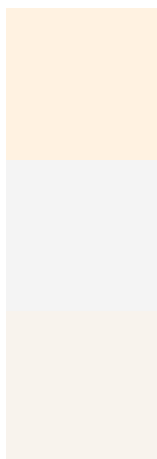
Deuteranomaly

90.0538, 0.3270, 0.3369

Tritanomaly

90.0512, 0.3208, 0.3261

Monochromacy



Original Color

90.2005, 0.3319, 0.3458

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.1721, 0.3196, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2005, 0.3319, 0.3458 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(255, 242, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 225)  
}
```

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(255, 242, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 225) }
```

Border

The CSS property to change the border of an element to Yxy 90.2005, 0.3319, 0.3458 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(255, 242, 225) }
```

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

```
.border{ border-color:rgb(255, 242, 225) }
```

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

Here you see how a box with a 4 pixel rgb(255, 242, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2005, 0.3319, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 225) }
```

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

```
.background{ background-color: rgb(255,  
242, 225) }
```

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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