

Converting Colors

$Y_{xy}(100.0000, 0.3504, 0.3311)$

Have a look what the booklet for
Yxy(100.0000, 0.3504, 0.3311)
contains.

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Color

Yxy(91.0555, 0.3225, 0.3310)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFF2F0 |
| RGB | 255, 242, 240 |
| RGB Percent | 100%, 95%, 94% |
| CMY | 0.0000, 0.0509, 0.0589 |
| CMYK | 0.00, 0.05, 0.06, 0.00 |
| HSL | 8°, 100%, 97% |
| HSV | 8°, 6%, 100% |
| XYZ | 88.7172, 91.0555, 95.3194 |
| YIQ | 245.6590, 8.3900, 2.1340 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--|
| RYB | 255, 242, 240 |
| Decimal | 16773872 |
| CIELab | 96.43, 4.02, 2.53 |
| CIELCh | 96, 4.748, 32.136 |
| Yxy | 91.0555, 0.3225, 0.3310 |
| Android (android.graphics.Color) | 4294963952 (0xFFFFF2F0) |
| YUV | 245.6590, -2.7899, 8.1921 |
| Hunter-Lab | 95.4230, -1.0342, 7.5705 |

Details

The Yxy color 91.0555, 0.3225, 0.3310 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.9728, 0.3036, 0.3270, and the grayscale version is 91.8886, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.5843, 0.3244, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 77.3025, 0.3421, 0.3346, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

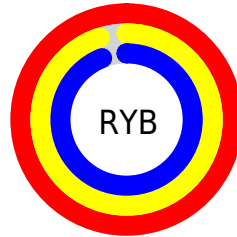
Distribution



Red (100%)

Green (95%)

Blue (94%)



Red (100%)

Yellow (95%)

Blue (94%)



Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.0555, 0.3225, 0.3310 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 91.0555, 0.3225, 0.3310 by changing the saturation by 10% instead.

 91.0555, 0.3225,
0.3310

 91.0555, 0.3225,
0.3310


531.4584, 0.3181,
0.3301

 68.8564, 0.3235,
0.3312

148.8037, 0.3210,
0.3307

 50.5948, 0.3246,
0.3314


185.1215, 0.3204,
0.3306

 35.8862, 0.3261,
0.3317


226.9144, 0.3199,
0.3305

 24.3463, 0.3279,
0.3320

274.5668, 0.3195,
0.3304

 15.5907, 0.3304,
0.3325

328.4629, 0.3191,
0.3303

 9.2350, 0.3338,
0.3331

388.9873, 0.3187,

 4.8948, 0.3388,

0.3303

0.3340

456.5244, 0.3184,
0.3302

■ 2.1857, 0.3469,
0.3353

■ 0.7122, 0.3715,
0.3414

■ 91.0555, 0.3225,
0.3310

■ 91.0555, 0.3225,
0.3310

■ 77.3025, 0.3421,
0.3346

100.0000, 0.3127,
0.3290

■ 65.2766, 0.3660,
0.3384

■ 54.9129, 0.3951,
0.3423

■ 46.1381, 0.4299,
0.3458

■ 38.8732, 0.4701,
0.3487

■ 33.0326, 0.5140,
0.3500

■ 28.5218, 0.5578,
0.3493

■ 25.2350, 0.5959,
0.3459

■ 23.0494, 0.6225,
0.3402

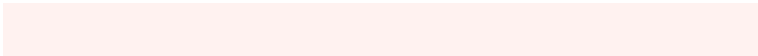
Harmonies

Analogous

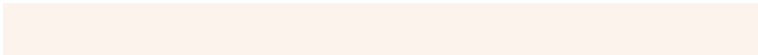
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0555, 0.3194, 0.3263



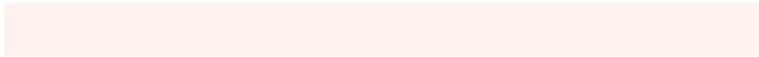
91.0555, 0.3225, 0.3310



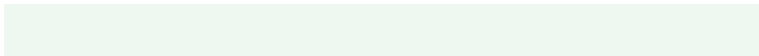
91.0555, 0.3230, 0.3352

Triad

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



91.0555, 0.3225, 0.3310



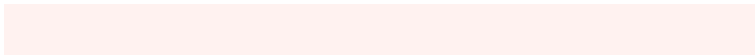
91.0555, 0.3110, 0.3358



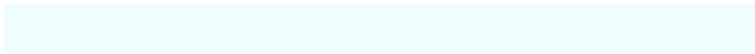
91.0555, 0.3048, 0.3203

Complementary

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



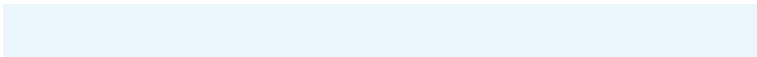
91.0555, 0.3225, 0.3310



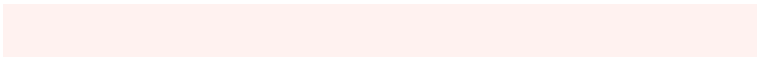
95.9728, 0.3036, 0.3270

Split Complementary

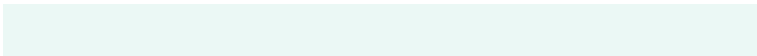
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0555, 0.3026, 0.3227



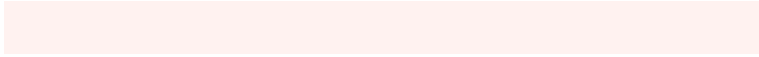
91.0555, 0.3225, 0.3310



91.0555, 0.3061, 0.3317

Square

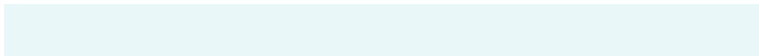
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.0555, 0.3225, 0.3310



91.0555, 0.3163, 0.3380



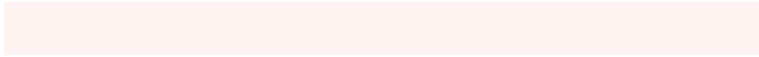
91.0555, 0.3030, 0.3269



91.0555, 0.3091, 0.3202

Rectangle

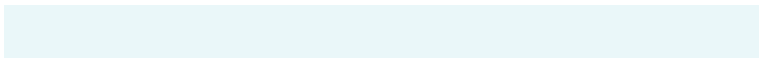
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



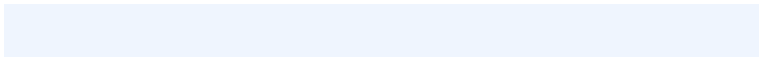
91.0555, 0.3225, 0.3310



91.0555, 0.3218, 0.3372



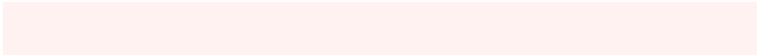
91.0555, 0.3030, 0.3269



91.0555, 0.3037, 0.3209

Sweetspot

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



91.0594, 0.3225, 0.3310



96.8939, 0.3159, 0.3297



90.6591, 0.3146, 0.3165



20.7719, 0.3157, 0.3296



0.0000, 0.0000, 0.0000



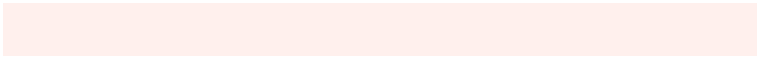
21.4041, 0.3127, 0.3290

Same Dimension

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



91.0594, 0.3225, 0.3310



89.4462, 0.3245, 0.3314



95.6059, 0.3219, 0.3382



18.9592, 0.3256, 0.3316



11.8410, 0.6282, 0.3394



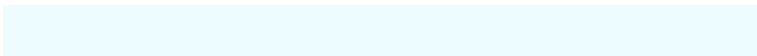
1.2687, 0.6105, 0.3534

Inverse Universe

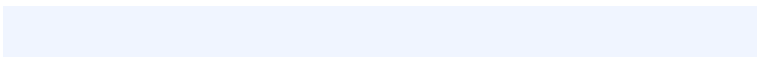
The Inverse Universe completely reimagines the original color for something new.



95.9728, 0.3036, 0.3270



95.2406, 0.3018, 0.3266



91.3409, 0.3036, 0.3196



20.3009, 0.3009, 0.3264



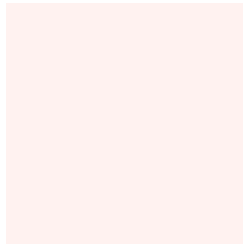
30.8274, 0.2127, 0.2855



3.1124, 0.2142, 0.2910

Previews

White Background



This preview shows how the Yxy color 91.0555, 0.3225, 0.3310 looks on a white background.

Color Contrast Check

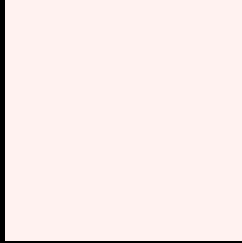
Large Text (above 18pt) WCAG AA × Fail

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 91.0555, 0.3225, 0.3310 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

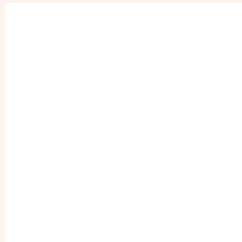
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0555, 0.3225, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 91.0555, 0.3225, 0.3310.

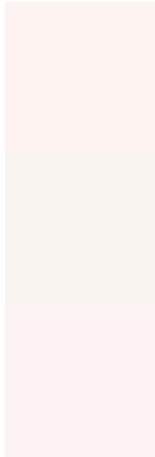


This preview shows how white text looks on a background with the Yxy color 91.0555, 0.3225, 0.3310.

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

91.0555, 0.3225, 0.3310

Protanopia

91.3762, 0.3184, 0.3320

Deuteranopia

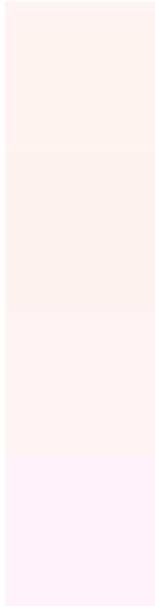
91.2353, 0.3206, 0.3281



Tritanopia

91.3906, 0.3133, 0.3156

Trichromacy



Original Color

91.0555, 0.3225, 0.3310

Protanomaly

91.1475, 0.3198, 0.3310

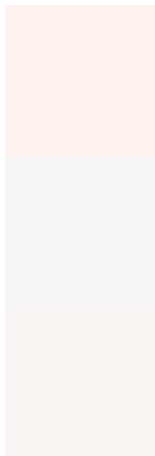
Deuteranomaly

91.1751, 0.3212, 0.3290

Tritanomaly

91.0727, 0.3164, 0.3203

Monochromacy



Original Color

91.0555, 0.3225, 0.3310

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.9762, 0.3159, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0555, 0.3225, 0.3310 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 240) }
```

Border

The CSS property to change the border of an element to Yxy 91.0555, 0.3225, 0.3310 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, 240) }
```

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

```
.border{ border-color:rgb(255, 242, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 242, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 242, 240); box-shadow:4px 4px 4px 4px rgb(255, 242, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0555, 0.3225, 0.3310 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
242, 240) }
```

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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