

Converting Colors

$Y_{xy}(32.0654, 0.4514, 0.3358)$

Have a look what the booklet for
Yxy(32.0654, 0.4514, 0.3358)
contains.

Yxy(31.9246, 0.4507, 0.3350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.9246, 0.4507, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	E77974
RGB	231, 121, 116
RGB Percent	91%, 47%, 45%
CMY	0.0940, 0.5255, 0.5451
CMYK	0.00, 0.48, 0.50, 0.09
HSL	3°, 71%, 68%
HSV	3°, 50%, 91%
XYZ	42.9505, 31.9246, 20.4222
YIQ	153.3200, 67.1650, 21.7650

Conversions

Conversions Part 2

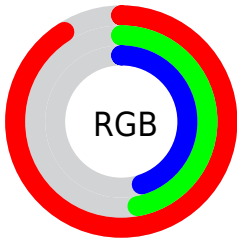
Format	Color
R_{YB}	231, 121, 116
Decimal	15169908
CIE _{Lab}	63.28, 41.96, 22.21
CIE _{LCh}	63, 47.477, 27.888
Yxy	31.9246, 0.4507, 0.3350
Android (android.graphics.Color)	4293359988 (0xFFE77974)
YUV	153.3200, -18.3988, 68.1254
Hunter-Lab	56.5019, 36.8105, 18.1213

Details

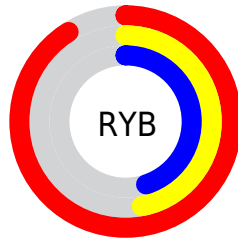
The Yxy color **31.9246, 0.4507, 0.3350** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.8967, 0.2465, 0.3225**, and the grayscale version is **32.0619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7471, 0.3913, 0.3366**, and **13.3315, 0.4956, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **26.6842, 0.4956, 0.3357**, and if you desaturate by 10%, it is **38.5323, 0.4113, 0.3339**.

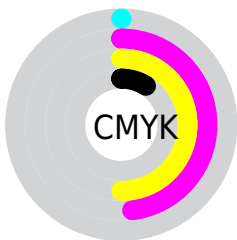
Distribution



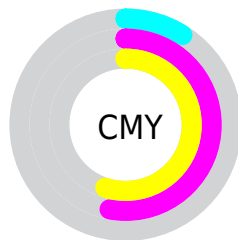
- Red (91%)
- Green (47%)
- Blue (45%)



- Red (91%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (50%)
- Black (9%)




- Cyan (9%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9246, 0.4507, 0.3350 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 31.9246, 0.4507, 0.3350 by changing the saturation by 10% instead.


 31.9246, 0.4507,
0.3350


 31.9246, 0.4507,
0.3350

310.7756, 0.3769,
0.3353


 21.3039, 0.4704,
0.3336


 62.6929, 0.4228,
0.3360

 13.3463, 0.4963,
0.3309


 83.6092, 0.4127,
0.3361

 7.6675, 0.5315,
0.3256


 108.7263, 0.4042,
0.3361

 3.8829, 0.5812,
0.3147

138.4284, 0.3970,
0.3360

 1.6083, 0.6858,
0.3050

173.1000, 0.3909,
0.3358

 0.3632, 0.8038,
0.1962

213.1255, 0.3856,

 0.0000, 1.0000,

0.3356

0.0000

258.8892, 0.3809,
0.3354

■ 0.0000, 0.0000,
0.0000

■ 31.9246, 0.4507,
0.3350

■ 31.9246, 0.4507,
0.3350

■ 26.6842, 0.4956,
0.3357

■ 38.5323, 0.4113,
0.3339

■ 22.7107, 0.5427,
0.3358

■ 46.5884, 0.3784,
0.3326

■ 19.8984, 0.5864,
0.3351


■ 56.1737, 0.3515,
0.3313


■ 18.1220, 0.6193,
0.3335

■ 67.3614, 0.3298,
0.3301

■ 17.2216, 0.6374,
0.3319

■ 80.2203, 0.3124,
0.3290

 17.2102, 0.6377,
0.3319

 94.8149, 0.2984,
0.3279

 95.7328, 0.2982,
0.3290

Harmonies

Analogous

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



31.9246, 0.3971, 0.2829



31.9246, 0.4507, 0.3350



31.9246, 0.4598, 0.3906

Triad

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



31.9246, 0.4507, 0.3350



31.9246, 0.2911, 0.4458



31.9246, 0.2036, 0.2175

Complementary

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



31.9246, 0.4507, 0.3350



63.8967, 0.2465, 0.3225

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.



31.9246, 0.1835, 0.2430



31.9246, 0.4507, 0.3350



31.9246, 0.2287, 0.3767

Square

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



31.9246, 0.4507, 0.3350



31.9246, 0.3632, 0.4674



31.9246, 0.1914, 0.2983



31.9246, 0.2507, 0.2184

Rectangle

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



31.9246, 0.4507, 0.3350



31.9246, 0.4409, 0.4256



31.9246, 0.1914, 0.2983



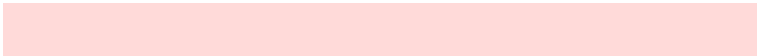
31.9246, 0.1938, 0.2229

Sweetspot

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



31.9263, 0.4507, 0.3350



76.6116, 0.3407, 0.3308



35.0410, 0.3220, 0.2125



15.7757, 0.3454, 0.3310



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.



31.9263, 0.4507, 0.3350



33.0785, 0.4981, 0.3358



49.8356, 0.4148, 0.3982



14.4676, 0.3291, 0.3301



9.6922, 0.6368, 0.3326



0.7518, 0.6278, 0.3397

Inverse Universe

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



63.8967, 0.2465, 0.3225



77.4053, 0.2372, 0.3210



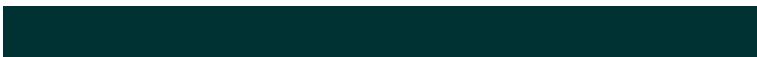
38.1135, 0.2317, 0.2457



16.2236, 0.2982, 0.3279



32.2702, 0.2210, 0.3155



2.4180, 0.2215, 0.3175

Previews

White Background



This preview shows how the Yxy color 31.9246, 0.4507, 0.3350 looks on a white background.

Color Contrast Check

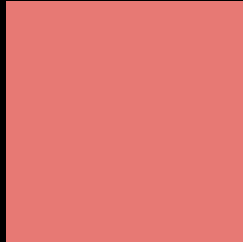
Large Text (above 18pt) WCAG AA × Fail

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 31.9246, 0.4507, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

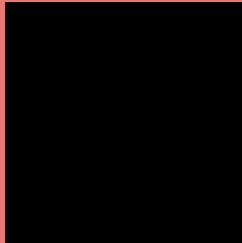
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9246, 0.4507, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 31.9246, 0.4507, 0.3350.



This preview shows how white text looks on a background with the Yxy color 31.9246, 0.4507, 0.3350.

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

31.9246, 0.4507, 0.3350

Protanopia

32.1025, 0.3431, 0.3625

Deuteranopia

31.9602, 0.3878, 0.3803



Tritanopia

31.9080, 0.4379, 0.3192

Trichromacy



Original Color

31.9246, 0.4507, 0.3350

Protanomaly

31.1209, 0.3802, 0.3502

Deuteranomaly

31.6486, 0.4107, 0.3622

Tritanomaly

32.0440, 0.4424, 0.3249

Monochromacy



Original Color

31.9246, 0.4507, 0.3350

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.7670, 0.3579, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9246, 0.4507, 0.3350 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(231, 121, 116)` looks like.

```
.text, #text, p{  
    color:rgb(231, 121, 116)  
}
```

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(231, 121, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 121, 116) }
```

Border

The CSS property to change the border of an element to Yxy 31.9246, 0.4507, 0.3350 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(231, 121, 116) }
```

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

```
.border{ border-color:rgb(231, 121, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 121, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 121, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 121, 116);  
box-shadow:4px 4px 4px 4px rgb(231, 121,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9246, 0.4507, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 121, 116) }
```

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

```
.background{ background-color: rgb(231,  
121, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor