

Converting Colors

$Y_{xy}(36.5744, 0.4568, 0.3527)$

Have a look what the booklet for
Yxy(36.5744, 0.4568, 0.3527)
contains.

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Color

Yxy(36.4702, 0.4561, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	F08570
RGB	240, 133, 112
RGB Percent	94%, 52%, 44%
CMY	0.0587, 0.4785, 0.5607
CMYK	0.00, 0.45, 0.53, 0.06
HSL	10°, 81%, 69%
HSV	10°, 53%, 94%
XYZ	47.2558, 36.4702, 19.8825
YIQ	162.5990, 70.5130, 16.1530

Conversions

Conversions Part 2

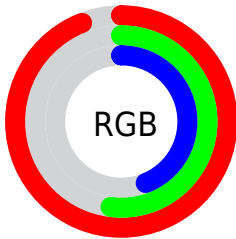
Format	Color
R _Y B	240, 137, 112
Decimal	15762800
CIE Lab	66.88, 38.87, 29.43
CIE LCh	67, 48.754, 37.125
Yxy	36.4702, 0.4561, 0.3520
Android (android.graphics.Color)	4293952880 (0xFFFF08570)
YUV	162.5990, -24.9453, 67.8807
Hunter-Lab	60.3906, 33.9935, 22.7533

Details

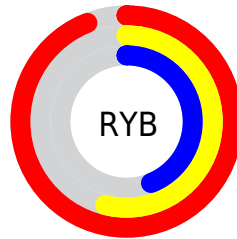
The Yxy color **36.4702, 0.4561, 0.3520** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.4337, 0.2391, 0.3025**, and the grayscale version is **36.5225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9068, 0.3900, 0.3544**, and **15.9583, 0.5000, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **31.0267, 0.4980, 0.3544**, and if you desaturate by 10%, it is **43.1100, 0.4184, 0.3482**.

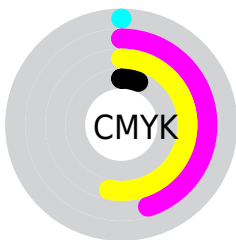
Distribution



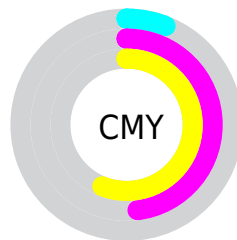
- Red (94%)
- Green (52%)
- Blue (44%)



- Red (94%)
- Yellow (54%)
- Blue (44%)



- Cyan (0%)
- Magenta (45%)
- Yellow (53%)
- Black (6%)




- Cyan (6%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4702, 0.4561, 0.3520 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 36.4702, 0.4561, 0.3520 by changing the saturation by 10% instead.


 36.4702, 0.4561,
0.3520


 36.4702, 0.4561,
0.3520


331.0111, 0.3812,
0.3443


 24.7976, 0.4753,
0.3524


 69.7572, 0.4284,
0.3503


 15.9263, 0.5000,
0.3519


 92.1403, 0.4181,
0.3493

 9.4720, 0.5325,
0.3493


 118.8624, 0.4095,
0.3483

 5.0503, 0.5766,
0.3422

 150.3079, 0.4021,
0.3474

 2.2768, 0.6629,
0.3371

186.8611, 0.3958,
0.3466

 0.7614, 0.7218,
0.2782

228.9064, 0.3903,

 0.0000, 1.0000,

0.3458

0.0000

276.8283, 0.3855,
0.3450

0.0000, 0.0000,
0.0000

36.4702, 0.4561,
0.3520

36.4702, 0.4561,
0.3520

31.0267, 0.4980,
0.3544

43.1100, 0.4184,
0.3482

26.7022, 0.5412,
0.3545

51.0059, 0.3860,
0.3438

23.4191, 0.5810,
0.3516

60.2206, 0.3588,
0.3392

21.0871, 0.6116,
0.3458

70.8110, 0.3364,
0.3346

20.0027, 0.6258,
0.3413

82.8303, 0.3181,
0.3304

96.2623, 0.3036,
0.3274

97.2706, 0.3036,
0.3290

Harmonies

Analogous

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



36.4702, 0.4156, 0.2987



36.4702, 0.4561, 0.3520



36.4702, 0.4510, 0.4064

Triad

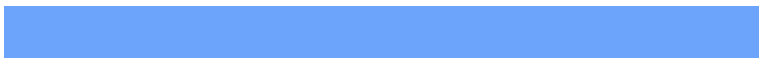
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.4702, 0.4561, 0.3520



36.4702, 0.2708, 0.4263



36.4702, 0.2168, 0.2169

Complementary

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



36.4702, 0.4561, 0.3520



60.4337, 0.2391, 0.3025

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.



36.4702, 0.1886, 0.2337



36.4702, 0.4561, 0.3520



36.4702, 0.2157, 0.3512

Square

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



36.4702, 0.4561, 0.3520



36.4702, 0.3409, 0.4642



36.4702, 0.1878, 0.2792



36.4702, 0.2711, 0.2249

Rectangle

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



36.4702, 0.4561, 0.3520



36.4702, 0.4251, 0.4382



36.4702, 0.1878, 0.2792



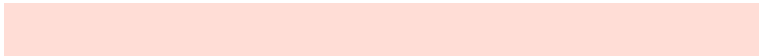
36.4702, 0.2044, 0.2195

Sweetspot

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



36.4721, 0.4561, 0.3520



77.7766, 0.3421, 0.3358



35.3339, 0.3374, 0.2177



16.1015, 0.3466, 0.3368



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.



36.4721, 0.4561, 0.3520



35.1121, 0.5018, 0.3545



58.8322, 0.4148, 0.4176



16.1770, 0.3289, 0.3329



11.0734, 0.6237, 0.3430



1.0431, 0.6009, 0.3610

Inverse Universe

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



60.4337, 0.2391, 0.3025



65.1187, 0.2286, 0.2961



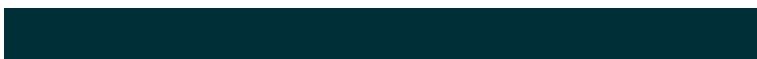
33.7925, 0.2216, 0.2174



17.4623, 0.2981, 0.3250



26.3986, 0.2100, 0.2760



2.3124, 0.2121, 0.2837

Previews

White Background



This preview shows how the Yxy color 36.4702, 0.4561, 0.3520 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 36.4702, 0.4561, 0.3520 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 36.4702, 0.4561, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 36.4702, 0.4561, 0.3520.



This preview shows how white text looks on a background with the Yxy color 36.4702, 0.4561, 0.3520.

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

36.4702, 0.4561, 0.3520

Protanopia

36.6737, 0.3583, 0.3836

Deuteranopia

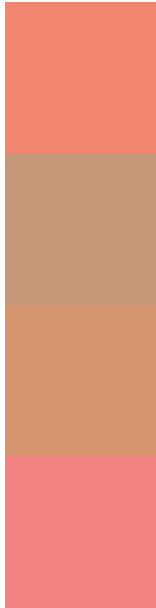
36.5954, 0.4007, 0.3925



Tritanopia

36.4418, 0.4293, 0.3184

Trichromacy



Original Color

36.4702, 0.4561, 0.3520

Protanomaly

35.8183, 0.3932, 0.3715

Deuteranomaly

36.2810, 0.4214, 0.3775

Tritanomaly

36.2510, 0.4396, 0.3305

Monochromacy



Original Color

36.4702, 0.4561, 0.3520

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.5465, 0.3610, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4702, 0.4561, 0.3520 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(240, 133, 112)` looks like.

```
.text, #text, p{  
    color:rgb(240, 133, 112)  
}
```

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(240, 133, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 133, 112) }
```

Border

The CSS property to change the border of an element to Yxy 36.4702, 0.4561, 0.3520 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(240, 133, 112) }
```

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

```
.border{ border-color:rgb(240, 133, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 133, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 133, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 133, 112);  
box-shadow:4px 4px 4px 4px rgb(240, 133,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4702, 0.4561, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 133, 112) }
```

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

```
.background{ background-color: rgb(240,  
133, 112) }
```

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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