

Converting Colors

$Y_{xy}(70.8394, 0.4996, 0.3598)$

Have a look what the booklet for
Yxy(70.8394, 0.4996, 0.3598)
contains.

Yxy(50.3527, 0.4356, 0.3737)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.3527, 0.4356, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	FFA77C
RGB	255, 167, 124
RGB Percent	100%, 65%, 49%
CMY	0.0001, 0.3450, 0.5137
CMYK	0.00, 0.35, 0.51, 0.00
HSL	20°, 100%, 74%
HSV	20°, 51%, 100%
XYZ	58.6932, 50.3527, 25.6951
YIQ	188.4100, 66.2510, 5.2830

Conversions

Conversions Part 2

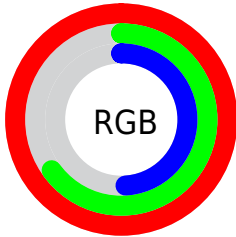
Format	Color
R _Y B	255, 188, 124
Decimal	16754556
CIE Lab	76.29, 28.00, 35.52
CIE LCh	76, 45.229, 51.752
Yxy	50.3527, 0.4356, 0.3737
Android (android.graphics.Color)	4294944636 (0xFFFFA77C)
YUV	188.4100, -31.7541, 58.3994
Hunter-Lab	70.9596, 23.4642, 28.2023

Details

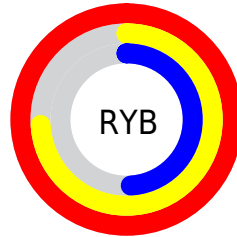
The Yxy color **50.3527, 0.4356, 0.3737** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **58.5792, 0.2356, 0.2766**, and the grayscale version is **50.6925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2097, 0.3681, 0.3761**, and **24.1311, 0.4690, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **43.9258, 0.4703, 0.3801**, and if you desaturate by 10%, it is **57.7824, 0.4040, 0.3655**.

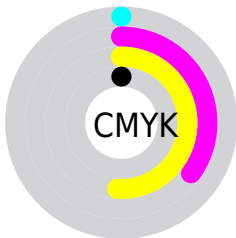
Distribution



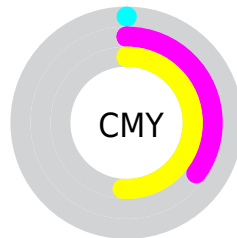
- Red (100%)
- Green (65%)
- Blue (49%)



- Red (100%)
- Yellow (74%)
- Blue (49%)



- Cyan (0%)
- Magenta (35%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3527, 0.4356, 0.3737 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 50.3527, 0.4356, 0.3737 by changing the saturation by 10% instead.


 50.3527, 0.4356,
0.3737


 50.3527, 0.4356,
0.3737


388.0436, 0.3750,
0.3552

 35.6937, 0.4501,
0.3770


 90.6972, 0.4140,
0.3679

 24.1977, 0.4681,
0.3805


 117.1516, 0.4057,
0.3655

 15.4804, 0.4911,
0.3837


 148.3065, 0.3987,
0.3633

 9.1572, 0.5209,
0.3857

184.5464, 0.3926,
0.3613

 4.8439, 0.5611,
0.3845

226.2557, 0.3873,
0.3595

 2.1559, 0.6223,
0.3777

273.8187, 0.3827,

 0.6958, 0.6760,

0.3579

0.3240

327.6199, 0.3786,
0.3565

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3527, 0.4356,
0.3737

50.3527, 0.4356,
0.3737

43.9258, 0.4703,
0.3801

57.7824, 0.4040,
0.3655

38.4486, 0.5065,
0.3834

66.2496, 0.3763,
0.3565

33.8739, 0.5414,
0.3824

75.7967, 0.3524,
0.3473

30.1466, 0.5717,
0.3763

86.4612, 0.3320,
0.3385

27.5560, 0.5924,
0.3678

98.2787, 0.3148,
0.3301

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



50.3527, 0.4192, 0.3263



50.3527, 0.4356, 0.3737



50.3527, 0.4154, 0.4163

Triad

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



50.3527, 0.4356, 0.3737



50.3527, 0.2531, 0.3809



50.3527, 0.2517, 0.2339

Complementary

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



50.3527, 0.4356, 0.3737



58.5792, 0.2356, 0.2766

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.



50.3527, 0.2157, 0.2384



50.3527, 0.4356, 0.3737



50.3527, 0.2158, 0.3174

Square

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



50.3527, 0.4356, 0.3737



50.3527, 0.3085, 0.4297



50.3527, 0.2033, 0.2662



50.3527, 0.3072, 0.2500

Rectangle

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



50.3527, 0.4356, 0.3737



50.3527, 0.3860, 0.4357



50.3527, 0.2033, 0.2662



50.3527, 0.2372, 0.2330

Sweetspot

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



50.3552, 0.4356, 0.3737



82.4671, 0.3390, 0.3416



40.5035, 0.3582, 0.2398



17.1685, 0.3433, 0.3435



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.



50.3552, 0.4356, 0.3737



43.5576, 0.4725, 0.3804



79.8490, 0.3994, 0.4342



18.9612, 0.3286, 0.3369



14.6417, 0.5894, 0.3702



1.6155, 0.5675, 0.3876

Inverse Universe

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



58.5792, 0.2356, 0.2766



52.5080, 0.2226, 0.2635



32.6897, 0.2192, 0.1939



19.4171, 0.2980, 0.3210



19.3285, 0.1938, 0.2177



2.0818, 0.1977, 0.2319

Previews

White Background



This preview shows how the Yxy color 50.3527, 0.4356, 0.3737 looks on a white background.

Color Contrast Check

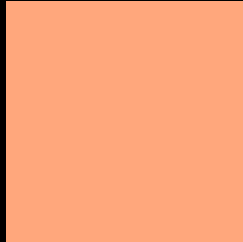
Large Text (above 18pt) WCAG AA × Fail

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 50.3527, 0.4356, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

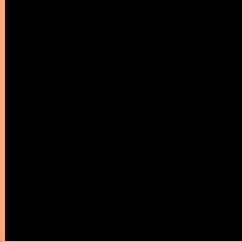
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3527, 0.4356, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 50.3527, 0.4356, 0.3737.



This preview shows how white text looks on a background with the Yxy color 50.3527, 0.4356, 0.3737.

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

50.3527, 0.4356, 0.3737

Protanopia

50.3564, 0.3699, 0.3976

Deuteranopia

50.3539, 0.4054, 0.3968



Tritanopia

50.5104, 0.3898, 0.3176

Trichromacy



Original Color

50.3527, 0.4356, 0.3737

Protanomaly

49.7838, 0.3933, 0.3879

Deuteranomaly

50.0696, 0.4165, 0.3879

Tritanomaly

50.2112, 0.4070, 0.3377

Monochromacy



Original Color

50.3527, 0.4356, 0.3737

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3562, 0.3537, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3527, 0.4356, 0.3737 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, 167, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 124)  
}
```

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, 167, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 124) }
```

Border

The CSS property to change the border of an element to Yxy 50.3527, 0.4356, 0.3737 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, 167, 124) }
```

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

```
.border{ border-color:rgb(255, 167, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 167, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 167, 124); box-shadow:4px 4px 4px 4px rgb(255, 167, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3527, 0.4356, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 124) }
```

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

```
.background{ background-color: rgb(255,  
167, 124) }
```

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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