

Converting Colors

$Y_{xy}(33.6175, 0.4151, 0.3467)$

Have a look what the booklet for
Yxy(33.6175, 0.4151, 0.3467)
contains.

Yxy(33.6175, 0.4151, 0.3467)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.6175, 0.4151, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	D6897B
RGB	214, 137, 123
RGB Percent	84%, 54%, 48%
CMY	0.1608, 0.4627, 0.5178
CMYK	0.00, 0.36, 0.43, 0.16
HSL	9°, 53%, 66%
HSV	9°, 43%, 84%
XYZ	40.2499, 33.6175, 23.0969
YIQ	158.4270, 50.3860, 11.9700

Conversions

Conversions Part 2

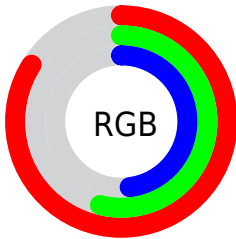
Format	Color
R _Y B	214, 140, 123
Decimal	14059899
CIE Lab	64.66, 27.81, 19.79
CIE LCh	65, 34.131, 35.432
Yxy	33.6175, 0.4151, 0.3467
Android (android.graphics.Color)	4292249979 (0xFFD6897B)
YUV	158.4270, -17.4655, 48.7375
Hunter-Lab	57.9806, 22.4478, 16.9679

Details

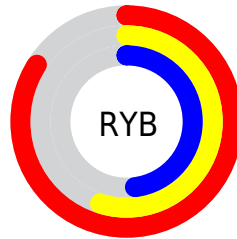
The Yxy color **33.6175, 0.4151, 0.3467** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.3521, 0.2520, 0.3099**, and the grayscale version is **34.4601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6562, 0.3787, 0.3449**, and **14.3181, 0.4498, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **28.4189, 0.4523, 0.3503**, and if you desaturate by 10%, it is **39.7997, 0.3832, 0.3425**.

Distribution



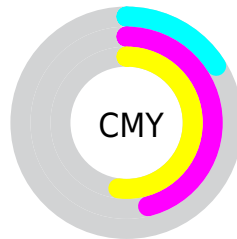
- Red (84%)
- Green (54%)
- Blue (48%)



- Red (84%)
- Yellow (55%)
- Blue (48%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)
- Black (16%)





- Cyan (16%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6175, 0.4151, 0.3467 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 33.6175, 0.4151, 0.3467 by changing the saturation by 10% instead.


 33.6175, 0.4151,
0.3467


 33.6175, 0.4151,
0.3467


318.4231, 0.3606,
0.3394

 22.5999, 0.4297,
0.3478


 65.3384, 0.3946,
0.3445

 14.2984, 0.4489,
0.3487


 86.8105, 0.3871,
0.3436

 8.3285, 0.4752,
0.3490


 112.5362, 0.3808,
0.3427

 4.3058, 0.5132,
0.3471

142.9000, 0.3755,
0.3419

 1.8461, 0.5826,
0.3456

178.2862, 0.3710,
0.3412

 0.5156, 0.7017,
0.2983

219.0791, 0.3671,

 0.0000, 1.0000,

0.3406

0.0000

265.6633, 0.3636,
0.3400

0.0000, 0.0000,
0.0000

33.6175, 0.4151,
0.3467

33.6175, 0.4151,
0.3467

28.4189, 0.4523,
0.3503

39.7997, 0.3832,
0.3425

24.1482, 0.4939,
0.3527

47.0075, 0.3566,
0.3382

20.7516, 0.5373,
0.3530

55.2866, 0.3347,
0.3339


18.1678, 0.5778,
0.3506

64.6785, 0.3167,
0.3300

16.3272, 0.6097,
0.3454

75.2223, 0.3020,
0.3263

 15.3834, 0.6264,
0.3408

 86.9553, 0.2898,
0.3230

 93.0354, 0.2883,
0.3289

Harmonies

Analogous

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



33.6175, 0.3843, 0.3056



33.6175, 0.4151, 0.3467



33.6175, 0.4151, 0.3873

Triad

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



33.6175, 0.4151, 0.3467



33.6175, 0.2865, 0.3990



33.6175, 0.2398, 0.2454

Complementary

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



33.6175, 0.4151, 0.3467



50.3521, 0.2520, 0.3099

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.



33.6175, 0.2189, 0.2610



33.6175, 0.4151, 0.3467



33.6175, 0.2437, 0.3491

Square

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



33.6175, 0.4151, 0.3467



33.6175, 0.3386, 0.4247



33.6175, 0.2201, 0.2974



33.6175, 0.2803, 0.2498

Rectangle

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



33.6175, 0.4151, 0.3467



33.6175, 0.3984, 0.4095



33.6175, 0.2201, 0.2974



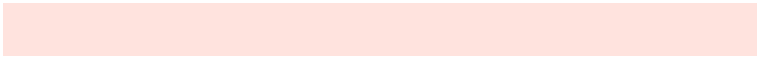
33.6175, 0.2305, 0.2483

Sweetspot

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



33.6192, 0.4151, 0.3467



81.4437, 0.3359, 0.3342



32.6406, 0.3312, 0.2388



16.8192, 0.3405, 0.3351



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.



33.6192, 0.4151, 0.3467



42.9925, 0.4483, 0.3500



49.2368, 0.3907, 0.4003



12.7269, 0.3287, 0.3327



9.3955, 0.6245, 0.3423



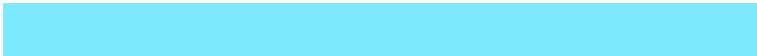
0.6663, 0.5949, 0.3658

Inverse Universe

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



50.3521, 0.2520, 0.3099



70.9598, 0.2417, 0.3052



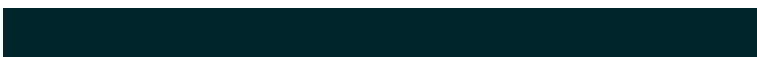
32.4499, 0.2412, 0.2447



13.7663, 0.2983, 0.3253



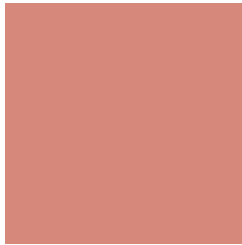
23.0328, 0.2110, 0.2795



1.4793, 0.2136, 0.2889

Previews

White Background



This preview shows how the Yxy color 33.6175, 0.4151, 0.3467 looks on a white background.

Color Contrast Check

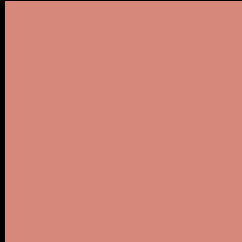
Large Text (above 18pt) WCAG AA × Fail

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 33.6175, 0.4151, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

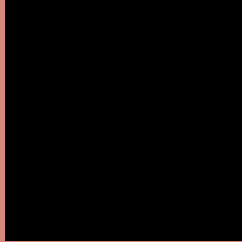
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6175, 0.4151, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 33.6175, 0.4151, 0.3467.



This preview shows how white text looks on a background with the Yxy color 33.6175, 0.4151, 0.3467.

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

33.6175, 0.4151, 0.3467

Protanopia

33.8869, 0.3453, 0.3663

Deuteranopia

33.8036, 0.3798, 0.3725



Tritanopia

33.6627, 0.3943, 0.3169

Trichromacy



Original Color

33.6175, 0.4151, 0.3467

Protanomaly

33.4650, 0.3688, 0.3588

Deuteranomaly

33.6740, 0.3931, 0.3627

Tritanomaly

33.5526, 0.4021, 0.3280

Monochromacy



Original Color

33.6175, 0.4151, 0.3467

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.3220, 0.3469, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6175, 0.4151, 0.3467 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(214, 137, 123)` looks like.

```
.text, #text, p{  
    color:rgb(214, 137, 123)  
}
```

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(214, 137, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 137, 123) }
```

Border

The CSS property to change the border of an element to Yxy 33.6175, 0.4151, 0.3467 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(214, 137, 123) }
```

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

```
.border{ border-color:rgb(214, 137, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 137, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 137, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 137, 123);  
box-shadow:4px 4px 4px 4px rgb(214, 137,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6175, 0.4151, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 137, 123) }
```

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

```
.background{ background-color: rgb(214,  
137, 123) }
```

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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