

Converting Colors

$Yxy(34.6541, 0.4284, 0.3483)$

Have a look what the booklet for
Yxy(34.6541, 0.4284, 0.3483)
contains.

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Color

Yxy(34.6524, 0.4284, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	DF8878
RGB	223, 136, 120
RGB Percent	87%, 53%, 47%
CMY	0.1256, 0.4666, 0.5293
CMYK	0.00, 0.39, 0.46, 0.13
HSL	9°, 62%, 67%
HSV	9°, 46%, 87%
XYZ	42.6216, 34.6524, 22.2161
YIQ	160.1890, 56.9880, 13.4680

Conversions

Conversions Part 2

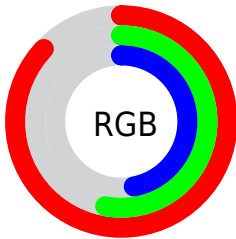
Format	Color
R_{YB}	223, 139, 120
Decimal	14649464
CIE _{Lab}	65.48, 31.51, 22.74
CIE _{LCh}	65, 38.858, 35.809
Yxy	34.6524, 0.4284, 0.3483
Android (android.graphics.Color)	4292839544 (0xFFDF8878)
YUV	160.1890, -19.8132, 55.0852
Hunter-Lab	58.8663, 26.2252, 18.8304

Details

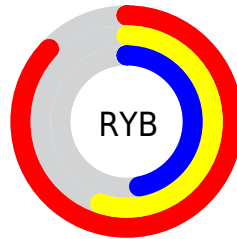
The Yxy color **34.6524, 0.4284, 0.3483** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.9351, 0.2475, 0.3078**, and the grayscale version is **35.3209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0655, 0.3825, 0.3481**, and **14.9513, 0.4666, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **29.3267, 0.4675, 0.3516**, and if you desaturate by 10%, it is **41.0396, 0.3944, 0.3442**.

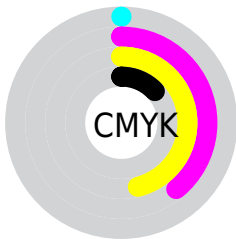
Distribution



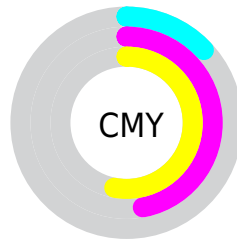
- Red (87%)
- Green (53%)
- Blue (47%)



- Red (87%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (46%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6524, 0.4284, 0.3483 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 34.6524, 0.4284, 0.3483 by changing the saturation by 10% instead.

 34.6524, 0.4284,
0.3483


 34.6524, 0.4284,
0.3483


323.0314, 0.3672,
0.3409


 23.3952, 0.4445,
0.3492


 66.9469, 0.4055,
0.3462

 14.8856, 0.4657,
0.3497


 88.7531, 0.3971,
0.3453

 8.7392, 0.4943,
0.3492


 114.8444, 0.3900,
0.3444

 4.5714, 0.5348,
0.3457

145.6052, 0.3841,
0.3435

 1.9981, 0.6098,
0.3429

181.4199, 0.3790,
0.3428

 0.6064, 0.7055,
0.2945

222.6729, 0.3745,


 0.0000, 1.0000,


0.3421

0.0000

269.7486, 0.3706,
0.3414


 0.0000, 0.0000,
0.0000


 34.6524, 0.4284,
0.3483


 34.6524, 0.4284,
0.3483


 29.3267, 0.4675,
0.3516

 41.0396, 0.3944,
0.3442


 24.9997, 0.5103,
0.3533


 48.5365, 0.3659,
0.3398

 21.6099, 0.5533,
0.3526

 57.1942, 0.3423,
0.3355

 19.0867, 0.5912,
0.3491

 67.0595, 0.3229,
0.3314

 17.3488, 0.6186,
0.3429

 78.1764, 0.3070,
0.3276

 16.8663, 0.6265,
0.3407

 90.5866, 0.2940,
0.3241

 94.4245, 0.2934,
0.3289

Harmonies

Analogous

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



34.6524, 0.3940, 0.3030



34.6524, 0.4284, 0.3483



34.6524, 0.4273, 0.3936

Triad

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



34.6524, 0.4284, 0.3483



34.6524, 0.2820, 0.4082



34.6524, 0.2318, 0.2358

Complementary

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



34.6524, 0.4284, 0.3483



53.9351, 0.2475, 0.3078

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.



34.6524, 0.2085, 0.2522



34.6524, 0.4284, 0.3483



34.6524, 0.2348, 0.3505

Square

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



34.6524, 0.4284, 0.3483



34.6524, 0.3402, 0.4375



34.6524, 0.2093, 0.2920



34.6524, 0.2767, 0.2412

Rectangle

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



34.6524, 0.4284, 0.3483



34.6524, 0.4079, 0.4189



34.6524, 0.2093, 0.2920



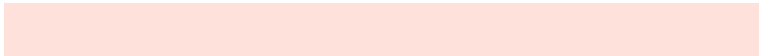
34.6524, 0.2214, 0.2387

Sweetspot

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



34.6541, 0.4284, 0.3483



80.1586, 0.3379, 0.3346



33.6524, 0.3333, 0.2314



16.5661, 0.3425, 0.3356



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.



34.6541, 0.4284, 0.3483



40.2547, 0.4644, 0.3514



52.5567, 0.3988, 0.4064



14.0427, 0.3288, 0.3327



10.0240, 0.6246, 0.3423



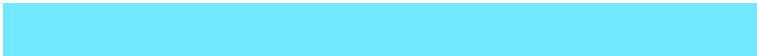
0.8028, 0.5982, 0.3633

Inverse Universe

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



53.9351, 0.2475, 0.3078



69.2411, 0.2374, 0.3028



33.1153, 0.2346, 0.2356



15.1904, 0.2982, 0.3253



24.5029, 0.2108, 0.2790



1.7975, 0.2132, 0.2875

Previews

White Background



This preview shows how the Yxy color 34.6524, 0.4284, 0.3483 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 34.6524, 0.4284, 0.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

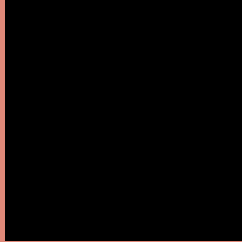
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6524, 0.4284, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 34.6524, 0.4284, 0.3483.



This preview shows how white text looks on a background with the Yxy color 34.6524, 0.4284, 0.3483.

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

34.6524, 0.4284, 0.3483

Protanopia

34.8700, 0.3488, 0.3702

Deuteranopia

34.8856, 0.3862, 0.3785



Tritanopia

34.7658, 0.4054, 0.3174

Trichromacy



Original Color

34.6524, 0.4284, 0.3483

Protanomaly

34.4843, 0.3769, 0.3622

Deuteranomaly

34.5929, 0.4011, 0.3672

Tritanomaly

34.6468, 0.4133, 0.3281

Monochromacy



Original Color

34.6524, 0.4284, 0.3483

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.2448, 0.3519, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6524, 0.4284, 0.3483 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(223, 136, 120)` looks like.

```
.text, #text, p{  
    color:rgb(223, 136, 120)  
}
```

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(223, 136, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 136, 120) }
```

Border

The CSS property to change the border of an element to Yxy 34.6524, 0.4284, 0.3483 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(223, 136, 120) }
```

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

```
.border{ border-color:rgb(223, 136, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 136, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 136, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 136, 120);  
box-shadow:4px 4px 4px 4px rgb(223, 136,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6524, 0.4284, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 136, 120) }
```

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

```
.background{ background-color: rgb(223,  
136, 120) }
```

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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