

Converting Colors

$Yxy(85.1025, 0.3257, 0.3471)$

Have a look what the booklet for
Yxy(85.1025, 0.3257, 0.3471)
contains.

Yxy(85.0172, 0.3260, 0.3474)	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(85.0172, 0.3260, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	F1EEDC
RGB	241, 238, 220
RGB Percent	95%, 93%, 86%
CMY	0.0547, 0.0667, 0.1372
CMYK	0.00, 0.01, 0.09, 0.05
HSL	51°, 43%, 90%
HSV	51°, 9%, 95%
XYZ	79.7801, 85.0172, 79.9269
YIQ	236.8450, 7.5660, -4.9620

Conversions

Conversions Part 2

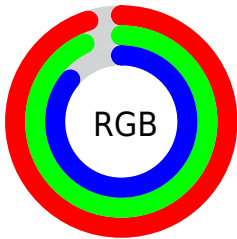
Format	Color
R_{YB}	224, 241, 220
Decimal	15855324
CIE _{Lab}	93.89, -2.01, 9.05
CIE _{LCh}	94, 9.272, 102.543
Yxy	85.0172, 0.3260, 0.3474
Android (android.graphics.Color)	4294045404 (0xFFFF1EEDC)
YUV	236.8450, -8.3046, 3.6439
Hunter-Lab	92.2048, -6.9114, 13.1483

Details

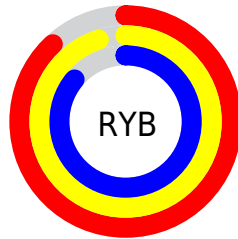
The Yxy color **85.0172, 0.3260, 0.3474** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.3824, 0.2992, 0.3099**, and the grayscale version is **84.6304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4868, 0.3290, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **81.8193, 0.3421, 0.3692**, and if you desaturate by 10%, it is **88.4462, 0.3108, 0.3264**.

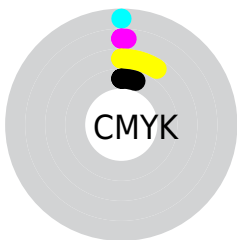
Distribution



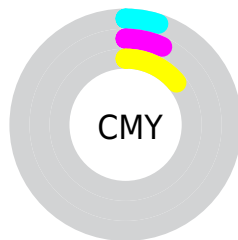
- Red (95%)
- Green (93%)
- Blue (86%)



- Red (88%)
- Yellow (95%)
- Blue (86%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.0172, 0.3260, 0.3474 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 85.0172, 0.3260, 0.3474 by changing the saturation by 10% instead.

85.0172, 0.3260,
0.3474

85.0172, 0.3260,
0.3474

511.6850, 0.3200,
0.3391

63.8556, 0.3273,
0.3493

140.3972, 0.3240,
0.3446

46.5337, 0.3289,
0.3515

175.3844, 0.3232,
0.3434

32.6672, 0.3309,
0.3544

215.7489, 0.3225,
0.3425

21.8716, 0.3335,
0.3580

261.8751, 0.3219,
0.3416

13.7626, 0.3370,
0.3629

314.1474, 0.3213,
0.3409

7.9557, 0.3417,
0.3698

372.9503, 0.3208,

4.0666, 0.3488,

0.3402

438.6680, 0.3204,
0.3396

0.3802

■ 1.7109, 0.3602,
0.3974

■ 0.4307, 0.4554,
0.5446

■ 85.0172, 0.3260,
0.3474

■ 85.0172, 0.3260,
0.3474

■ 81.8193, 0.3421,
0.3692

■ 88.4462, 0.3108,
0.3264

■ 78.8333, 0.3588,
0.3913

■ 91.2212, 0.3043,
0.3191

■ 76.0542, 0.3758,
0.4129

■ 93.3553, 0.3043,
0.3226

■ 73.4728, 0.3924,
0.4331

■ 95.5295, 0.3042,
0.3260

■ 71.0788, 0.4079,
0.4509

■ 97.4478, 0.3042,
0.3290

■ 68.8610, 0.4216,
0.4653

■ 66.8065, 0.4329,
0.4755

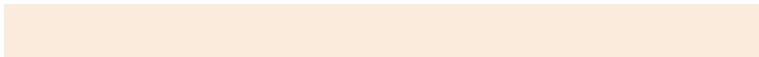
■ 64.9002, 0.4415,
0.4812

■ 63.1198, 0.4473,
0.4825

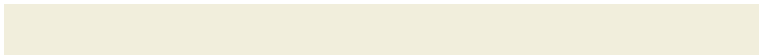
Harmonies

Analogous

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



85.0172, 0.3323, 0.3436



85.0172, 0.3260, 0.3474



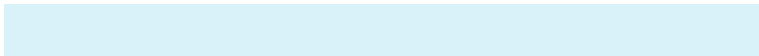
85.0172, 0.3162, 0.3462

Triad

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



85.0172, 0.3260, 0.3474



85.0172, 0.2925, 0.3215



85.0172, 0.3197, 0.3182

Complementary

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



85.0172, 0.3260, 0.3474



74.3824, 0.2992, 0.3099

Split Complementary

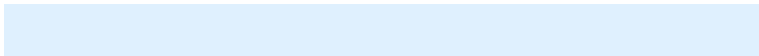
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0172, 0.3090, 0.3125



85.0172, 0.3260, 0.3474



85.0172, 0.2934, 0.3142

Square

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



85.0172, 0.3260, 0.3474



85.0172, 0.2969, 0.3310



85.0172, 0.2994, 0.3110



85.0172, 0.3287, 0.3267

Rectangle

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



85.0172, 0.3260, 0.3474



85.0172, 0.3090, 0.3426



85.0172, 0.2994, 0.3110



85.0172, 0.3162, 0.3159

Sweetspot

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



85.0209, 0.3260, 0.3474



98.8115, 0.3172, 0.3353



75.2410, 0.3257, 0.3258



21.0826, 0.3184, 0.3370



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.



85.0209, 0.3260, 0.3474



96.1292, 0.3281, 0.3502



85.5413, 0.3207, 0.3508



18.0456, 0.3272, 0.3490



34.2497, 0.4474, 0.4830



2.9549, 0.4431, 0.4864

Inverse Universe

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



74.3824, 0.2992, 0.3099



82.3496, 0.2970, 0.3069



73.9416, 0.3042, 0.3070



15.5984, 0.2980, 0.3082



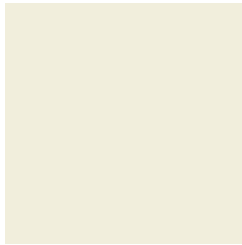
4.2103, 0.1533, 0.0718



0.4630, 0.1587, 0.0914

Previews

White Background



This preview shows how the Yxy color 85.0172, 0.3260, 0.3474 looks on a white background.

Color Contrast Check

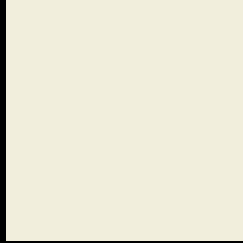
Large Text (above 18pt) WCAG AA × Fail

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 85.0172, 0.3260, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

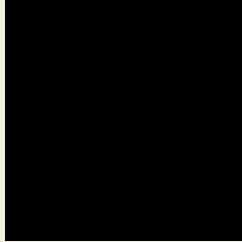
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

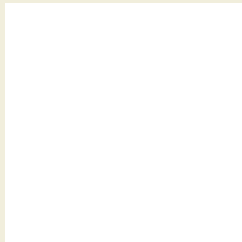
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0172, 0.3260, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 85.0172, 0.3260, 0.3474.

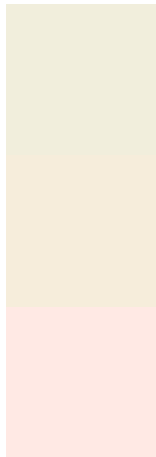


This preview shows how white text looks on a background with the Yxy color 85.0172, 0.3260, 0.3474.

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

85.0172, 0.3260, 0.3474

Protanopia

85.2757, 0.3302, 0.3473

Deuteranopia

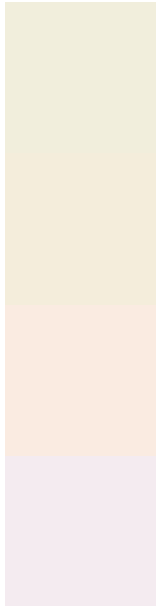
85.1393, 0.3310, 0.3340



Tritanopia

84.8989, 0.3096, 0.3103

Trichromacy



Original Color

85.0172, 0.3260, 0.3474

Protanomaly

84.9159, 0.3288, 0.3474

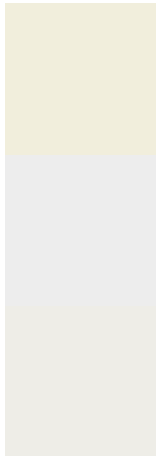
Deuteranomaly

85.1769, 0.3293, 0.3391

Tritanomaly

84.9410, 0.3156, 0.3240

Monochromacy



Original Color

85.0172, 0.3260, 0.3474

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.5150, 0.3171, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0172, 0.3260, 0.3474 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(241, 238, 220)` looks like.

```
.text, #text, p{  
    color:rgb(241, 238, 220)  
}
```

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(241, 238, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 238, 220) }
```

Border

The CSS property to change the border of an element to Yxy 85.0172, 0.3260, 0.3474 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(241, 238, 220) }
```

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

```
.border{ border-color:rgb(241, 238, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 238, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 238, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 238, 220); box-shadow:4px 4px 4px 4px rgb(241, 238, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0172, 0.3260, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 238, 220) }
```

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

```
.background{ background-color: rgb(241,  
238, 220) }
```

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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