

Converting Colors

$Yxy(82.7806, 0.3277, 0.3523)$

Have a look what the booklet for
Yxy(82.7806, 0.3277, 0.3523)
contains.

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Color

Yxy(82.7995, 0.3279, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	EDEC D5
RGB	237, 236, 213
RGB Percent	93%, 93%, 84%
CMY	0.0706, 0.0745, 0.1646
CMYK	0.00, 0.00, 0.10, 0.07
HSL	57°, 40%, 88%
HSV	57°, 10%, 93%
XYZ	76.9339, 82.7995, 74.8926
YIQ	233.6770, 7.9790, -6.9410

Conversions

Conversions Part 2

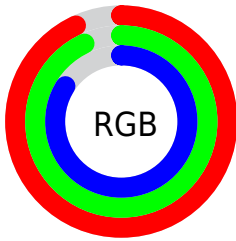
Format	Color
R_{YB}	214, 237, 213
Decimal	15592661
CIE _{Lab}	92.93, -3.54, 11.26
CIE _{LCh}	93, 11.801, 107.434
Yxy	82.7995, 0.3279, 0.3529
Android (android.graphics.Color)	4293782741 (0xFFEDEC _{D5})
YUV	233.6770, -10.1938, 2.9143
Hunter-Lab	90.9942, -8.3216, 14.8975

Details

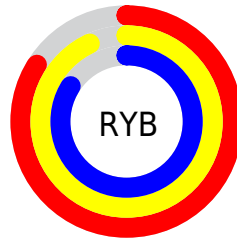
The Yxy color **82.7995, 0.3279, 0.3529** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.3706, 0.2969, 0.3039**, and the grayscale version is **82.1001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9349, 0.3316, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **81.1174, 0.3434, 0.3772**, and if you desaturate by 10%, it is **84.6679, 0.3129, 0.3293**.

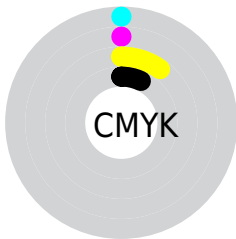
Distribution



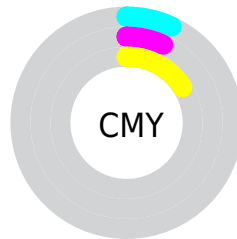
- Red (93%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.7995, 0.3279, 0.3529 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 82.7995, 0.3279, 0.3529 by changing the saturation by 10% instead.

82.7995, 0.3279,
0.3529

82.7995, 0.3279,
0.3529

504.3181, 0.3211,
0.3420

62.0248, 0.3294,
0.3553

137.2946, 0.3256,
0.3492

45.0527, 0.3313,
0.3584

171.7838, 0.3246,
0.3477

31.4989, 0.3336,
0.3621

211.6132, 0.3239,
0.3464

20.9791, 0.3365,
0.3670

257.1673, 0.3232,
0.3453

13.1087, 0.3405,
0.3736

308.8304, 0.3225,
0.3443

7.5034, 0.3459,
0.3829

366.9870, 0.3220,

3.7789, 0.3539,

0.3435

0.3969

432.0214, 0.3215,
0.3427

■ 1.5507, 0.3680,
0.4221

■ 0.3240, 0.4062,
0.5938

■ 82.7995, 0.3279,
0.3529

■ 82.7995, 0.3279,
0.3529

■ 81.1174, 0.3434,
0.3772

■ 84.6679, 0.3129,
0.3293

■ 79.6032, 0.3590,
0.4014


■ 86.3644, 0.3018,
0.3120


■ 78.2523, 0.3743,
0.4247

■ 86.9425, 0.3018,
0.3130

■ 77.0558, 0.3885,
0.4462

■ 87.5237, 0.3018,
0.3140

 76.0041, 0.4010,
0.4649


 88.1081, 0.3018,
0.3150

 75.0863, 0.4114,
0.4798

 88.6957, 0.3018,
0.3160

 74.2902, 0.4191,
0.4905

 89.2865, 0.3018,
0.3170

 73.6010, 0.4242,
0.4967

 89.8805, 0.3018,
0.3180

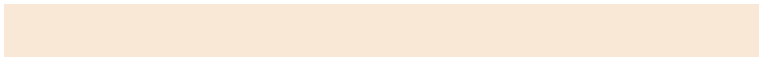
 73.0004, 0.4269,
0.4992

 90.4777, 0.3018,
0.3190

Harmonies

Analogous

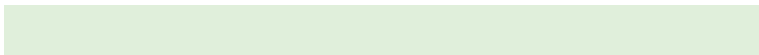
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7995, 0.3370, 0.3488



82.7995, 0.3279, 0.3529



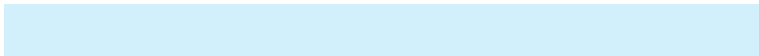
82.7995, 0.3148, 0.3503

Triad

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



82.7995, 0.3279, 0.3529



82.7995, 0.2866, 0.3175



82.7995, 0.3239, 0.3168

Complementary

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



82.7995, 0.3279, 0.3529



68.3706, 0.2969, 0.3039

Split Complementary

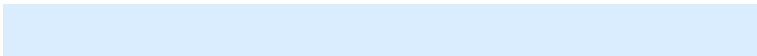
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7995, 0.3102, 0.3088



82.7995, 0.3279, 0.3529



82.7995, 0.2889, 0.3090

Square

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



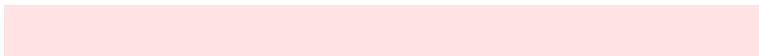
82.7995, 0.3279, 0.3529



82.7995, 0.2912, 0.3295



82.7995, 0.2974, 0.3059



82.7995, 0.3347, 0.3280

Rectangle

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



82.7995, 0.3279, 0.3529



82.7995, 0.3057, 0.3451



82.7995, 0.2974, 0.3059



82.7995, 0.3194, 0.3137

Sweetspot

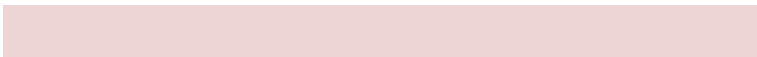
The Sweet Spot groups the original color and five complimentary colors.



82.8031, 0.3279, 0.3529



99.3133, 0.3172, 0.3360



70.4723, 0.3297, 0.3278



21.2186, 0.3184, 0.3379



0.0000, 0.0000, 0.0000



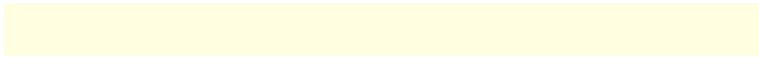
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8031, 0.3279, 0.3529



97.3707, 0.3309, 0.3576



81.5796, 0.3204, 0.3545



17.5128, 0.3269, 0.3513



39.9040, 0.4268, 0.4993



3.1670, 0.4257, 0.5002

Inverse Universe

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



68.3706, 0.2969, 0.3039



77.3492, 0.2936, 0.2988



69.5330, 0.3044, 0.3034



14.6498, 0.2980, 0.3057



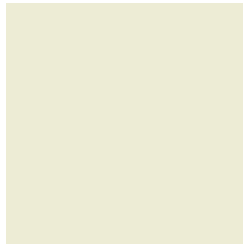
3.5024, 0.1508, 0.0626



0.3107, 0.1527, 0.0698

Previews

White Background



This preview shows how the Yxy color 82.7995, 0.3279, 0.3529 looks on a white background.

Color Contrast Check

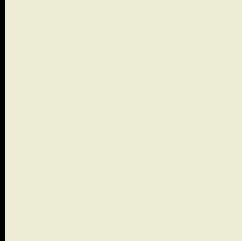
Large Text (above 18pt) WCAG AA × Fail

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 82.7995, 0.3279, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

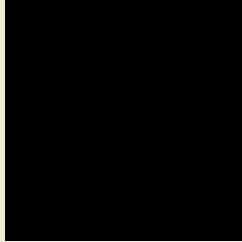
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

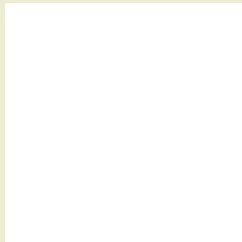
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.7995, 0.3279, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 82.7995, 0.3279, 0.3529.

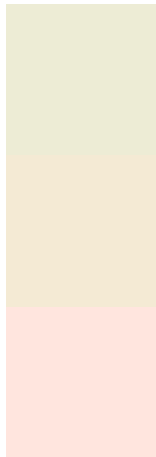


This preview shows how white text looks on a background with the Yxy color 82.7995, 0.3279, 0.3529.

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

82.7995, 0.3279, 0.3529

Protanopia

82.8322, 0.3337, 0.3516

Deuteranopia

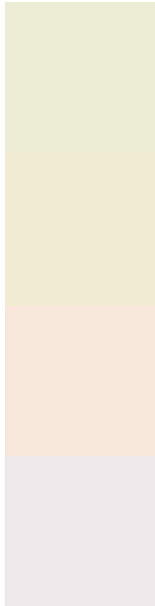
82.5725, 0.3355, 0.3360



Tritanopia

82.8686, 0.3089, 0.3110

Trichromacy



Original Color

82.7995, 0.3279, 0.3529

Protanomaly

82.8709, 0.3315, 0.3528

Deuteranomaly

82.7842, 0.3322, 0.3422

Tritanomaly

82.8592, 0.3156, 0.3260

Monochromacy



Original Color

82.7995, 0.3279, 0.3529

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.5698, 0.3184, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7995, 0.3279, 0.3529 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(237, 236, 213)` looks like.

```
.text, #text, p{  
    color:rgb(237, 236, 213)  
}
```

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(237, 236, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 236, 213) }
```

Border

The CSS property to change the border of an element to Yxy 82.7995, 0.3279, 0.3529 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(237, 236, 213) }
```

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

```
.border{ border-color:rgb(237, 236, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 236, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 236, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 236, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 236,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7995, 0.3279, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 236, 213) }
```

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

```
.background{ background-color: rgb(237,  
236, 213) }
```

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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