

Converting Colors

$Yxy(78.2860, 0.3274, 0.3493)$

Have a look what the booklet for
Yxy(78.2860, 0.3274, 0.3493)
contains.

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Color

Yxy(78.5704, 0.3277, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	E9E6D2
RGB	233, 230, 210
RGB Percent	91%, 90%, 82%
CMY	0.0865, 0.0980, 0.1764
CMYK	0.00, 0.01, 0.10, 0.09
HSL	52°, 34%, 87%
HSV	52°, 10%, 91%
XYZ	73.5223, 78.5704, 72.2659
YIQ	228.6170, 8.2080, -5.5840

Conversions

Conversions Part 2

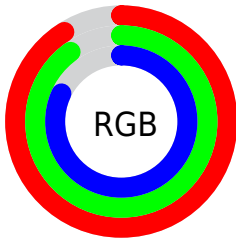
Format	Color
R_{YB}	213, 233, 210
Decimal	15328978
CIE _{Lab}	91.04, -2.39, 10.09
CIE _{LCh}	91, 10.374, 103.342
Yxy	78.5704, 0.3277, 0.3502
Android (android.graphics.Color)	4293519058 (0xFFE9E6D2)
YUV	228.6170, -9.1782, 3.8439
Hunter-Lab	88.6399, -7.0632, 13.7103

Details

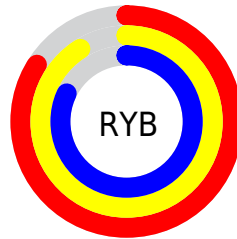
The Yxy color **78.5704, 0.3277, 0.3502** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.1396, 0.2974, 0.3069**, and the grayscale version is **78.1203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4074, 0.3304, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **75.8535, 0.3437, 0.3724**, and if you desaturate by 10%, it is **81.4915, 0.3125, 0.3287**.

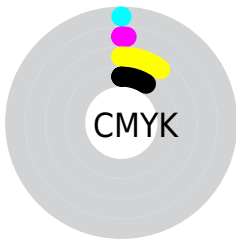
Distribution



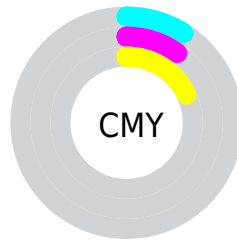
- Red (91%)
- Green (90%)
- Blue (82%)



- Red (84%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.5704, 0.3277, 0.3502 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 78.5704, 0.3277, 0.3502 by changing the saturation by 10% instead.

■ 78.5704, 0.3277,
0.3502

■ 78.5704, 0.3277,
0.3502

490.1018, 0.3209,
0.3405

■ 58.5427, 0.3292,
0.3524

131.3539, 0.3254,
0.3468

■ 42.2451, 0.3311,
0.3551

164.8784, 0.3244,
0.3455

■ 29.2932, 0.3335,
0.3585

203.6707, 0.3236,
0.3444

■ 19.3028, 0.3365,
0.3630

248.1151, 0.3230,
0.3434

■ 11.8893, 0.3406,
0.3690

298.5960, 0.3223,
0.3425

■ 6.6683, 0.3464,
0.3776

355.4979, 0.3218,

■ 3.2555, 0.3551,

0.3418

0.3909

419.2050, 0.3213,
0.3411

■ 1.2666, 0.3742,
0.4190

■ 0.1151, 0.3068,
0.6932

■ 78.5704, 0.3277,
0.3502

■ 78.5704, 0.3277,
0.3502

■ 75.8535, 0.3437,
0.3724

■ 81.4915, 0.3125,
0.3287

■ 73.3230, 0.3603,
0.3948

■ 84.5102, 0.2993,
0.3098

■ 70.9745, 0.3769,
0.4166

■ 86.2379, 0.2993,
0.3129

■ 68.7993, 0.3930,
0.4369

■ 87.9942, 0.2993,
0.3159

66.7881, 0.4079,
0.4546

89.7794, 0.2993,
0.3189

64.9304, 0.4208,
0.4688

91.5935, 0.2993,
0.3219

63.2143, 0.4313,
0.4787

93.4367, 0.2993,
0.3248

61.6256, 0.4389,
0.4841

95.3092, 0.2993,
0.3278

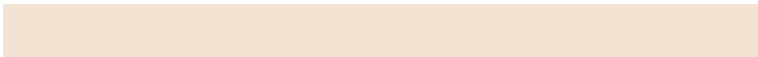
60.1407, 0.4441,
0.4855

96.0555, 0.2993,
0.3290

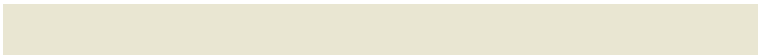
Harmonies

Analogous

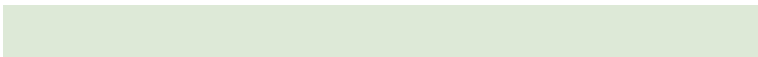
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5704, 0.3351, 0.3459



78.5704, 0.3277, 0.3502



78.5704, 0.3163, 0.3487

Triad

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



78.5704, 0.3277, 0.3502



78.5704, 0.2895, 0.3201



78.5704, 0.3211, 0.3169

Complementary

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



78.5704, 0.3277, 0.3502



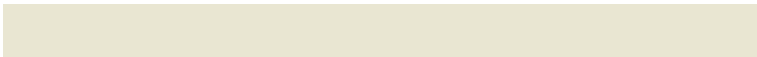
67.1396, 0.2974, 0.3069

Split Complementary

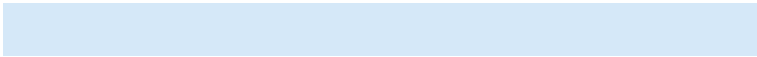
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5704, 0.3088, 0.3103



78.5704, 0.3277, 0.3502



78.5704, 0.2907, 0.3119

Square

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



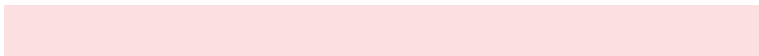
78.5704, 0.3277, 0.3502



78.5704, 0.2944, 0.3310



78.5704, 0.2977, 0.3084



78.5704, 0.3313, 0.3267

Rectangle

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



78.5704, 0.3277, 0.3502



78.5704, 0.3081, 0.3445



78.5704, 0.2977, 0.3084



78.5704, 0.3171, 0.3142

Sweetspot

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



78.5738, 0.3277, 0.3502



98.8951, 0.3172, 0.3354



68.2189, 0.3278, 0.3258



21.1052, 0.3184, 0.3371



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

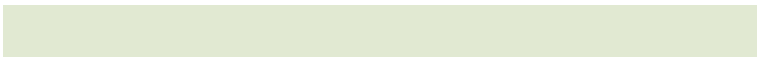
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5738, 0.3277, 0.3502



95.7148, 0.3312, 0.3551



78.8372, 0.3215, 0.3537



17.2795, 0.3271, 0.3494



34.2569, 0.4437, 0.4859



2.7817, 0.4398, 0.4890

Inverse Universe

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



67.1396, 0.2974, 0.3069



78.7882, 0.2937, 0.3015



66.9466, 0.3033, 0.3040



14.8590, 0.2980, 0.3078



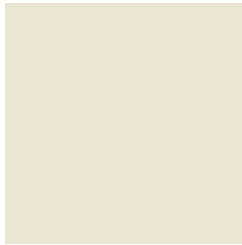
3.9561, 0.1527, 0.0698



0.4106, 0.1581, 0.0890

Previews

White Background



This preview shows how the Yxy color 78.5704, 0.3277, 0.3502 looks on a white background.

Color Contrast Check

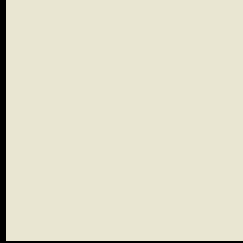
Large Text (above 18pt) WCAG AA × Fail

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 78.5704, 0.3277, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

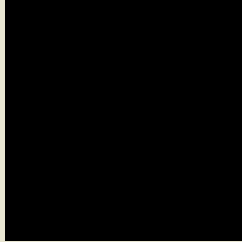
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

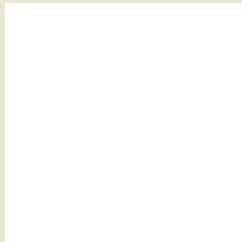
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5704, 0.3277, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 78.5704, 0.3277, 0.3502.

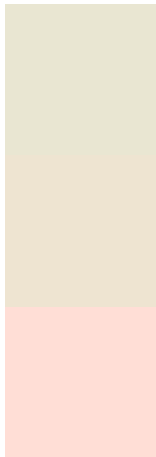


This preview shows how white text looks on a background with the Yxy color 78.5704, 0.3277, 0.3502.

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

78.5704, 0.3277, 0.3502

Protanopia

78.2674, 0.3322, 0.3490

Deuteranopia

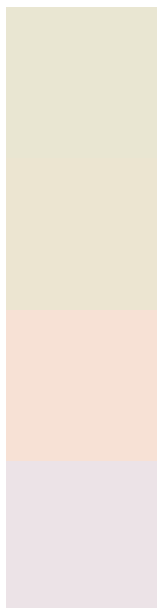
78.3576, 0.3421, 0.3372



Tritanopia

78.4986, 0.3101, 0.3107

Trichromacy



Original Color

78.5704, 0.3277, 0.3502

Protanomaly

78.4749, 0.3307, 0.3501

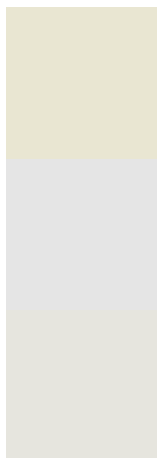
Deuteranomaly

78.4287, 0.3364, 0.3414

Tritanomaly

78.5406, 0.3164, 0.3249

Monochromacy



Original Color

78.5704, 0.3277, 0.3502

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.1355, 0.3179, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5704, 0.3277, 0.3502 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(233, 230, 210)` looks like.

```
.text, #text, p{  
    color:rgb(233, 230, 210)  
}
```

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(233, 230, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 230, 210) }
```

Border

The CSS property to change the border of an element to Yxy 78.5704, 0.3277, 0.3502 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(233, 230, 210) }
```

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

```
.border{ border-color:rgb(233, 230, 210) }
```

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

Here you see how a box with a 4 pixel rgb(233, 230, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 230, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 230, 210);  
box-shadow:4px 4px 4px 4px rgb(233, 230,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5704, 0.3277, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 230, 210) }
```

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

```
.background{ background-color: rgb(233,  
230, 210) }
```

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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