

Converting Colors

$Yxy(75.4995, 0.3164, 0.3330)$

Have a look what the booklet for
Yxy(75.4995, 0.3164, 0.3330)
contains.

Yxy(75.4018, 0.3167, 0.3333)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.4018, 0.3167, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1DD
RGB	227, 225, 221
RGB Percent	89%, 88%, 87%
CMY	0.1099, 0.1176, 0.1334
CMYK	0.00, 0.01, 0.03, 0.11
HSL	40°, 10%, 88%
HSV	40°, 3%, 89%
XYZ	71.6464, 75.4018, 79.1798
YIQ	225.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

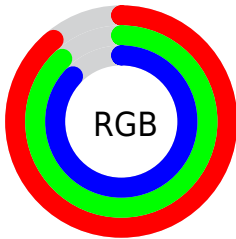
Format	Color
R_{YB}	224, 227, 221
Decimal	14934493
CIE Lab	89.58, -0.04, 2.18
CIE LCh	90, 2.185, 91.151
Yxy	75.4018, 0.3167, 0.3333
Android (android.graphics.Color)	4293124573 (0xFFE3E1DD)
YUV	225.1420, -2.0420, 1.6295
Hunter-Lab	86.8342, -4.6805, 6.7203

Details

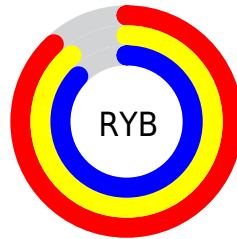
The Yxy color **75.4018, 0.3167, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6626, 0.3087, 0.3247**, and the grayscale version is **75.4148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2733, 0.3179, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **70.3519, 0.3329, 0.3502**, and if you desaturate by 10%, it is **80.7959, 0.3021, 0.3173**.

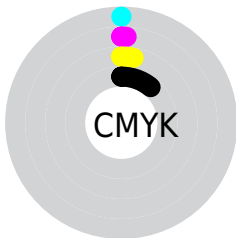
Distribution



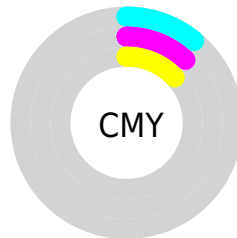
- Red (89%)
- Green (88%)
- Blue (87%)



- Red (88%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4018, 0.3167, 0.3333 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 75.4018, 0.3167, 0.3333 by changing the saturation by 10% instead.

■ 75.4018, 0.3167,
0.3333

■ 75.4018, 0.3167,
0.3333

479.2975, 0.3149,
0.3313

■ 55.9421, 0.3171,
0.3337

126.8810, 0.3161,
0.3326

■ 40.1565, 0.3176,
0.3343

159.6692, 0.3158,
0.3324

■ 27.6606, 0.3183,
0.3350

197.6692, 0.3156,
0.3321

■ 18.0700, 0.3191,
0.3359

241.2652, 0.3154,
0.3319

■ 11.0002, 0.3203,
0.3372

290.8416, 0.3153,
0.3317

■ 6.0670, 0.3219,
0.3389

346.7828, 0.3151,

■ 2.8859, 0.3245,

0.3316

0.3417

409.4733, 0.3150,
0.3315

1.0724, 0.3291,
0.3467

0.0000, 0.0000,
0.0000

75.4018, 0.3167,
0.3333

75.4018, 0.3167,
0.3333

70.3519, 0.3329,
0.3502

80.7959, 0.3021,
0.3173

65.6279, 0.3506,
0.3678

85.7775, 0.2955,
0.3136

61.2237, 0.3698,
0.3857

90.2304, 0.2957,
0.3212

57.1297, 0.3902,
0.4031

94.8639, 0.2958,
0.3286

■ 53.3354, 0.4112,
0.4192

■ 95.0657, 0.2958,
0.3290

■ 49.8296, 0.4320,
0.4329

■ 46.5997, 0.4517,
0.4431

■ 43.6318, 0.4692,
0.4488

■ 40.9095, 0.4837,
0.4493

Harmonies

Analogous

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



75.4018, 0.3178, 0.3320



75.4018, 0.3167, 0.3333



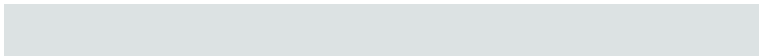
75.4018, 0.3146, 0.3334

Triad

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



75.4018, 0.3167, 0.3333



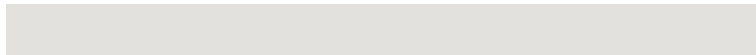
75.4018, 0.3080, 0.3281



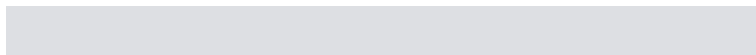
75.4018, 0.3135, 0.3257

Complementary

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



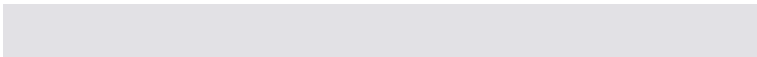
75.4018, 0.3167, 0.3333



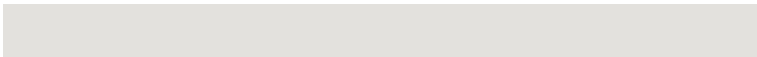
73.6626, 0.3087, 0.3247

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.



75.4018, 0.3109, 0.3246



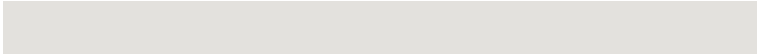
75.4018, 0.3167, 0.3333



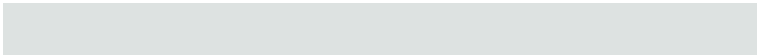
75.4018, 0.3077, 0.3260

Square

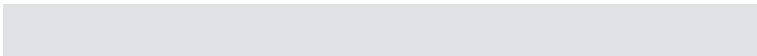
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4018, 0.3167, 0.3333



75.4018, 0.3096, 0.3304



75.4018, 0.3088, 0.3248



75.4018, 0.3159, 0.3276

Rectangle

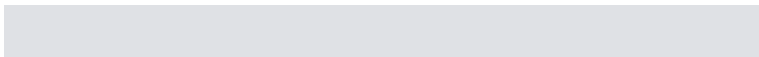
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4018, 0.3167, 0.3333



75.4018, 0.3128, 0.3329



75.4018, 0.3088, 0.3248



75.4018, 0.3126, 0.3252

Sweetspot

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



75.4051, 0.3167, 0.3333



99.3063, 0.3142, 0.3306



73.3629, 0.3156, 0.3269



21.2630, 0.3142, 0.3306



0.0000, 0.0000, 0.0000



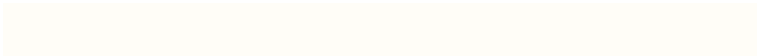
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4051, 0.3167, 0.3333



97.9324, 0.3173, 0.3339



76.3052, 0.3159, 0.3354



16.6233, 0.3185, 0.3352



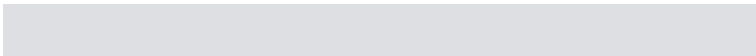
22.9981, 0.4913, 0.4481



1.8671, 0.4781, 0.4585

Inverse Universe

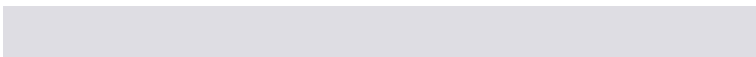
The Inverse Universe completely reimagines the original color for something new.



73.6626, 0.3087, 0.3247



95.3358, 0.3082, 0.3240



72.7826, 0.3095, 0.3226



16.0708, 0.3070, 0.3227



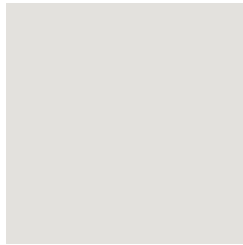
6.2940, 0.1630, 0.1067



0.6296, 0.1711, 0.1359

Previews

White Background



This preview shows how the Yxy color 75.4018, 0.3167, 0.3333 looks on a white background.

Color Contrast Check

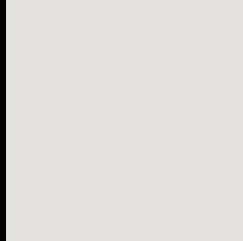
Large Text (above 18pt) WCAG AA × Fail

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 75.4018, 0.3167, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

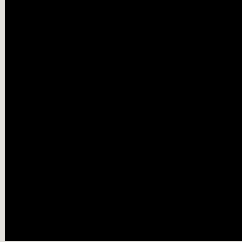
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

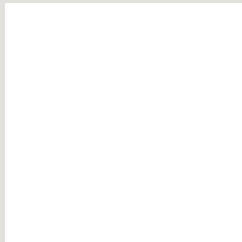
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4018, 0.3167, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 75.4018, 0.3167, 0.3333.

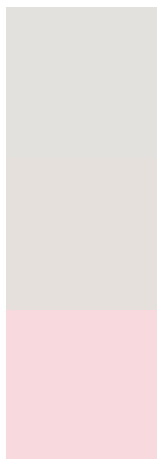


This preview shows how white text looks on a background with the Yxy color 75.4018, 0.3167, 0.3333.

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

75.4018, 0.3167, 0.3333

Protanopia

75.3016, 0.3196, 0.3333

Deuteranopia

75.3732, 0.3318, 0.3250



Tritanopia

75.3568, 0.3066, 0.3102

Trichromacy



Original Color

75.4018, 0.3167, 0.3333

Protanomaly

75.1366, 0.3189, 0.3333

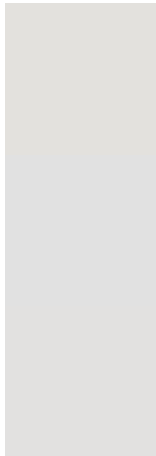
Deuteranomaly

75.5121, 0.3257, 0.3280

Tritanomaly

75.3166, 0.3104, 0.3185

Monochromacy



Original Color

75.4018, 0.3167, 0.3333

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4010, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4018, 0.3167, 0.3333 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(227, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 221)  
}
```

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(227, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 221) }
```

Border

The CSS property to change the border of an element to Yxy 75.4018, 0.3167, 0.3333 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(227, 225, 221) }
```

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

```
.border{ border-color:rgb(227, 225, 221) }
```

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

Here you see how a box with a 4 pixel rgb(227, 225, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
221) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.4018, 0.3167, 0.3333$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 221) }
```

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

```
.background{ background-color: rgb(227,  
225, 221) }
```

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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