

Converting Colors

$Y_{xy}(32.7713, 0.4251, 0.3270)$

Have a look what the booklet for
Yxy(32.7713, 0.4251, 0.3270)
contains.

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Color

Yxy(32.7713, 0.4251, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	E17F81
RGB	225, 127, 129
RGB Percent	88%, 50%, 51%
CMY	0.1176, 0.5019, 0.4942
CMYK	0.00, 0.44, 0.43, 0.12
HSL	359°, 62%, 69%
HSV	359°, 44%, 88%
XYZ	42.6027, 32.7713, 24.8441
YIQ	156.5300, 57.7660, 21.3980

Conversions

Conversions Part 2

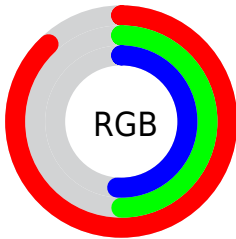
Format	Color
R _Y B	225, 127, 129
Decimal	14778241
CIE Lab	63.98, 37.93, 15.68
CIE LCh	64, 41.041, 22.454
Yxy	32.7713, 0.4251, 0.3270
Android (android.graphics.Color)	4292968321 (0xFFE17F81)
YUV	156.5300, -13.5723, 60.0482
Hunter-Lab	57.2462, 32.6590, 14.3413

Details

The Yxy color **32.7713, 0.4251, 0.3270** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.6924, 0.2549, 0.3313**, and the grayscale version is **33.5383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6851, 0.3766, 0.3281**, and **13.7183, 0.4621, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **27.0711, 0.4671, 0.3267**, and if you desaturate by 10%, it is **39.8989, 0.3895, 0.3274**.

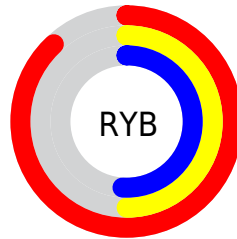
Distribution



Red (88%)

Green (50%)

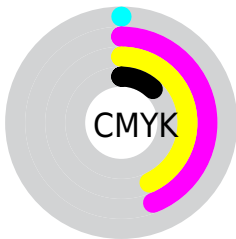
Blue (51%)



Red (88%)

Yellow (50%)

Blue (51%)

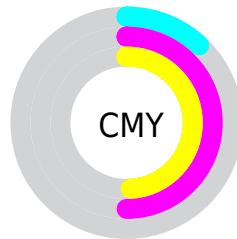


Cyan (0%)

Magenta (44%)

Yellow (43%)

Black (12%)



Cyan (12%)


Magenta (50%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7713, 0.4251, 0.3270 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 32.7713, 0.4251, 0.3270 by changing the saturation by 10% instead.


 32.7713, 0.4251,
0.3270


 32.7713, 0.4251,
0.3270


314.6179, 0.3651,
0.3301


 21.9513, 0.4412,
0.3254


 64.0183, 0.4024,
0.3287

 13.8211, 0.4626,
0.3228


 85.2141, 0.3941,
0.3292

 7.9964, 0.4920,
0.3182


 110.6373, 0.3873,
0.3295

 4.0926, 0.5348,
0.3097

140.6723, 0.3815,
0.3297

 1.7255, 0.6054,
0.2942

175.7034, 0.3765,
0.3299

 0.4401, 0.7673,
0.2327

216.1152, 0.3722,


 0.0000, 1.0000,

0.3300


0.0000


262.2919, 0.3684,
0.3301

 0.0000, 0.0000,
0.0000


 32.7713, 0.4251,
0.3270


 32.7713, 0.4251,
0.3270


 27.0711, 0.4671,
0.3267

 39.8989, 0.3895,
0.3274


 22.6976, 0.5139,
0.3267


 48.5357, 0.3605,
0.3279


 19.5452, 0.5611,
0.3270

 58.7633, 0.3371,
0.3284

 17.4900, 0.6017,
0.3278

 70.6559, 0.3184,
0.3288

 16.3818, 0.6288,
0.3288

 84.2831, 0.3035,
0.3293

■ 16.0177, 0.6384,
0.3290

■ 94.7477, 0.2946,
0.3289

Harmonies

Analogous

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



32.7713, 0.3742, 0.2817



32.7713, 0.4251, 0.3270



32.7713, 0.4412, 0.3762

Triad

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



32.7713, 0.4251, 0.3270



32.7713, 0.3065, 0.4342



32.7713, 0.2122, 0.2341

Complementary

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



32.7713, 0.4251, 0.3270



63.6924, 0.2549, 0.3313

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.



32.7713, 0.1988, 0.2622



32.7713, 0.4251, 0.3270



32.7713, 0.2491, 0.3819

Square

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



32.7713, 0.4251, 0.3270



32.7713, 0.3688, 0.4461



32.7713, 0.2111, 0.3151



32.7713, 0.2501, 0.2302

Rectangle

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



32.7713, 0.4251, 0.3270



32.7713, 0.4301, 0.4071



32.7713, 0.2111, 0.3151



32.7713, 0.2050, 0.2406

Sweetspot

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



32.7730, 0.4251, 0.3270



78.7247, 0.3361, 0.3284



36.1046, 0.3146, 0.2217



16.1591, 0.3408, 0.3283



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.



32.7730, 0.4251, 0.3270



36.7602, 0.4618, 0.3268



47.3268, 0.4024, 0.3826



13.7050, 0.3289, 0.3286



9.2321, 0.6378, 0.3287



0.6415, 0.6312, 0.3251

Inverse Universe

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



32.7730, 0.4251, 0.3270



36.7602, 0.4618, 0.3268



42.2977, 0.2435, 0.2674



13.7050, 0.3289, 0.3286



9.2321, 0.6378, 0.3287



0.6415, 0.6312, 0.3251

Previews

White Background



This preview shows how the Yxy color 32.7713, 0.4251, 0.3270 looks on a white background.

Color Contrast Check

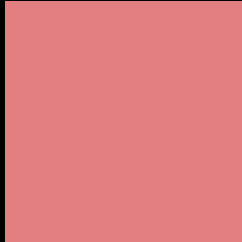
Large Text (above 18pt) WCAG AA × Fail

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 32.7713, 0.4251, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

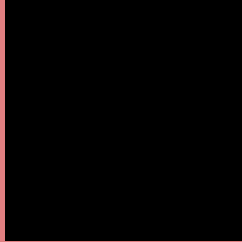
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7713, 0.4251, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 32.7713, 0.4251, 0.3270.



This preview shows how white text looks on a background with the Yxy color 32.7713, 0.4251, 0.3270.

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

32.7713, 0.4251, 0.3270

Protanopia

33.0029, 0.3300, 0.3471

Deuteranopia

32.7993, 0.3712, 0.3633



Tritanopia

32.8397, 0.4193, 0.3188

Trichromacy



Original Color

32.7713, 0.4251, 0.3270

Protanomaly

32.2761, 0.3621, 0.3390

Deuteranomaly

32.4264, 0.3912, 0.3493

Tritanomaly

32.7839, 0.4218, 0.3211

Monochromacy



Original Color

32.7713, 0.4251, 0.3270

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.6094, 0.3501, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7713, 0.4251, 0.3270 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(225, 127, 129)` looks like.

```
.text, #text, p{  
    color:rgb(225, 127, 129)  
}
```

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(225, 127, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 127, 129) }
```

Border

The CSS property to change the border of an element to Yxy 32.7713, 0.4251, 0.3270 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(225, 127, 129) }
```

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

```
.border{ border-color:rgb(225, 127, 129) }
```

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

Here you see how a box with a 4 pixel rgb(225, 127, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 127, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 127, 129);  
box-shadow:4px 4px 4px 4px rgb(225, 127,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7713, 0.4251, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 127, 129) }
```

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

```
.background{ background-color: rgb(225,  
127, 129) }
```

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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