

Converting Colors

Yxy(31.3180, 0.4457, 0.3440)

Have a look what the booklet for
Yxy(31.3180, 0.4457, 0.3440)
contains.

Yxy(31.2731, 0.4454, 0.3434)	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(31.2731, 0.4454, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	DF7C70
RGB	223, 124, 112
RGB Percent	87%, 49%, 44%
CMY	0.1255, 0.5137, 0.5607
CMYK	0.00, 0.44, 0.50, 0.13
HSL	6°, 63%, 66%
HSV	6°, 50%, 87%
XYZ	40.5621, 31.2731, 19.2338
YIQ	152.2330, 62.8560, 17.2560

Conversions

Conversions Part 2

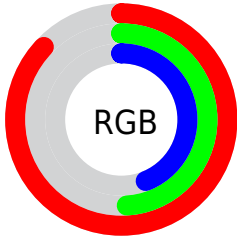
Format	Color
R _Y B	223, 125, 112
Decimal	14646384
CIE Lab	62.74, 37.06, 23.54
CIE LCh	63, 43.898, 32.421
Yxy	31.2731, 0.4454, 0.3434
Android (android.graphics.Color)	4292836464 (0xFFDF7C70)
YUV	152.2330, -19.8349, 62.0627
Hunter-Lab	55.9224, 31.6072, 18.7536

Details

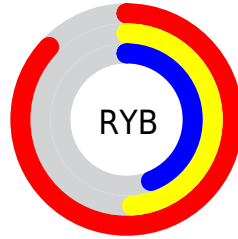
The Yxy color **31.2731, 0.4454, 0.3434** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.3615, 0.2448, 0.3130**, and the grayscale version is **31.5743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7811, 0.3938, 0.3440**, and **13.0278, 0.4896, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **26.3449, 0.4878, 0.3453**, and if you desaturate by 10%, it is **37.3329, 0.4081, 0.3407**.

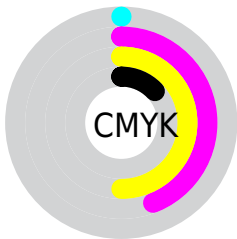
Distribution



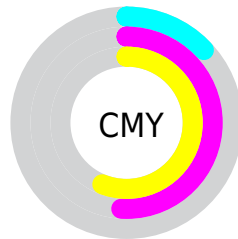
- Red (87%)
- Green (49%)
- Blue (44%)



- Red (87%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (44%)
- Yellow (50%)
- Black (13%)





- Cyan (13%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2731, 0.4454, 0.3434 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 31.2731, 0.4454, 0.3434 by changing the saturation by 10% instead.


 31.2731, 0.4454,
0.3434


 31.2731, 0.4454,
0.3434

307.7945, 0.3742,
0.3391

 20.8069, 0.4645,
0.3432


 61.6698, 0.4185,
0.3427

 12.9829, 0.4896,
0.3420


 82.3691, 0.4087,
0.3422

 7.4168, 0.5239,
0.3386


 107.2481, 0.4005,
0.3416

 3.7241, 0.5723,
0.3301

 136.6914, 0.3936,
0.3411

 1.5205, 0.6758,
0.3242

171.0833, 0.3877,
0.3406

 0.3031, 0.8041,
0.1959

210.8082, 0.3826,


 0.0000, 1.0000,


0.3401


0.0000


256.2505, 0.3781,
0.3396

 0.0000, 0.0000,
0.0000


 31.2731, 0.4454,
0.3434


 31.2731, 0.4454,
0.3434


 26.3449, 0.4878,
0.3453


 37.3329, 0.4081,
0.3407


 22.4733, 0.5329,
0.3457


 44.5836, 0.3766,
0.3377


 19.5822, 0.5758,
0.3442


 53.0858, 0.3507,
0.3346


 17.5827, 0.6102,
0.3406

 62.8950, 0.3295,
0.3317

 16.3641, 0.6320,
0.3361

 74.0630, 0.3123,
0.3289

 16.3433, 0.6324,
0.3361

 86.6389, 0.2984,
0.3264

 94.4262, 0.2935,
0.3289

Harmonies

Analogous

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



31.2731, 0.4010, 0.2930



31.2731, 0.4454, 0.3434



31.2731, 0.4478, 0.3957

Triad

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



31.2731, 0.4454, 0.3434



31.2731, 0.2832, 0.4294



31.2731, 0.2153, 0.2228

Complementary

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



31.2731, 0.4454, 0.3434



55.3615, 0.2448, 0.3130

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.



31.2731, 0.1922, 0.2434



31.2731, 0.4454, 0.3434



31.2731, 0.2272, 0.3621

Square

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



31.2731, 0.4454, 0.3434



31.2731, 0.3507, 0.4578



31.2731, 0.1958, 0.2915



31.2731, 0.2637, 0.2268

Rectangle

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



31.2731, 0.4454, 0.3434



31.2731, 0.4271, 0.4271



31.2731, 0.1958, 0.2915



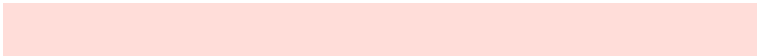
31.2731, 0.2047, 0.2268

Sweetspot

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



31.2747, 0.4454, 0.3434



77.9078, 0.3403, 0.3332



32.0274, 0.3294, 0.2194



16.0828, 0.3449, 0.3339



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.



31.2747, 0.4454, 0.3434



35.3016, 0.4909, 0.3453



48.9375, 0.4099, 0.4061



13.9377, 0.3289, 0.3316



9.6904, 0.6309, 0.3373



0.7530, 0.6098, 0.3540

Inverse Universe

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



55.3615, 0.2448, 0.3130



71.4673, 0.2346, 0.3090



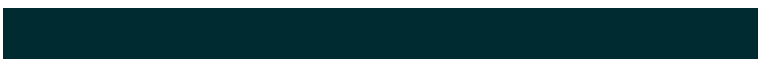
32.6876, 0.2298, 0.2350



15.3061, 0.2982, 0.3264



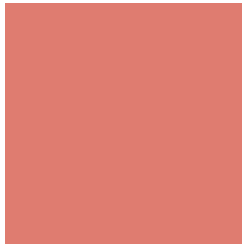
27.2260, 0.2152, 0.2948



1.9606, 0.2168, 0.3005

Previews

White Background



This preview shows how the Yxy color 31.2731, 0.4454, 0.3434 looks on a white background.

Color Contrast Check

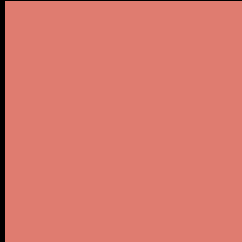
Large Text (above 18pt) WCAG AA × Fail

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 31.2731, 0.4454, 0.3434 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 31.2731, 0.4454, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 31.2731, 0.4454, 0.3434.



This preview shows how white text looks on a background with the Yxy color 31.2731, 0.4454, 0.3434.

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

31.2731, 0.4454, 0.3434

Protanopia

31.5142, 0.3483, 0.3705

Deuteranopia

31.4642, 0.3904, 0.3833



Tritanopia

31.1337, 0.4260, 0.3187

Trichromacy



Original Color

31.2731, 0.4454, 0.3434

Protanomaly

30.8924, 0.3830, 0.3604

Deuteranomaly

31.0168, 0.4108, 0.3681

Tritanomaly

31.1964, 0.4342, 0.3282

Monochromacy



Original Color

31.2731, 0.4454, 0.3434

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.6171, 0.3576, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2731, 0.4454, 0.3434 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(223, 124, 112)` looks like.

```
.text, #text, p{  
    color:rgb(223, 124, 112)  
}
```

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(223, 124, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 124, 112) }
```

Border

The CSS property to change the border of an element to Yxy 31.2731, 0.4454, 0.3434 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(223, 124, 112) }
```

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

```
.border{ border-color:rgb(223, 124, 112) }
```

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

Here you see how a box with a 4 pixel rgb(223, 124, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 124, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 124, 112);  
box-shadow:4px 4px 4px 4px rgb(223, 124,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2731, 0.4454, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 124, 112) }
```

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

```
.background{ background-color: rgb(223,  
124, 112) }
```

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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