

Converting Colors

$Yxy(24.7801, 0.5575, 0.3303)$

Have a look what the booklet for
Yxy(24.7801, 0.5575, 0.3303)
contains.

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Color

Yxy(24.7228, 0.5577, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	F74746
RGB	247, 71, 70
RGB Percent	97%, 28%, 27%
CMY	0.0313, 0.7216, 0.7256
CMYK	0.00, 0.71, 0.72, 0.03
HSL	0°, 92%, 62%
HSV	0°, 72%, 97%
XYZ	41.7183, 24.7228, 8.3631
YIQ	123.5100, 105.2170, 37.0010

Conversions

Conversions Part 2

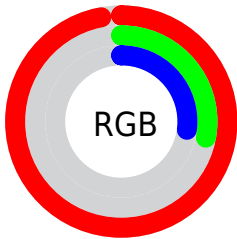
Format	Color
R_{YB}	247, 71, 70
Decimal	16205638
CIE Lab	56.80, 66.17, 40.51
CIE LCh	57, 77.588, 31.474
Yxy	24.7228, 0.5577, 0.3305
Android (android.graphics.Color)	4294395718 (0xFFFF74746)
YUV	123.5100, -26.3804, 108.3007
Hunter-Lab	49.7220, 62.7535, 24.8330

Details

The Yxy color **24.7228, 0.5577, 0.3305** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **73.9175, 0.2316, 0.3275**, and the grayscale version is **20.0473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5572, 0.4641, 0.3405**, and **10.1419, 0.6209, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **21.9562, 0.5996, 0.3305**, and if you desaturate by 10%, it is **28.8815, 0.5097, 0.3304**.

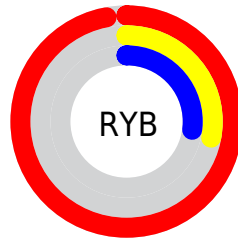
Distribution



Red (97%)

Green (28%)

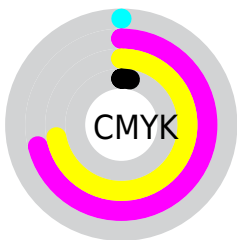
Blue (27%)



Red (97%)

Yellow (28%)

Blue (27%)

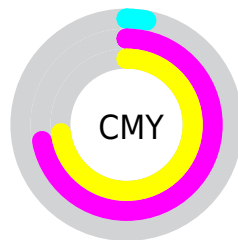


Cyan (0%)

Magenta (71%)

Yellow (72%)

Black (3%)



Cyan (3%)

Magenta (72%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.7228, 0.5577, 0.3305 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 24.7228, 0.5577, 0.3305 by changing the saturation by 10% instead.


 24.7228, 0.5577,
0.3305


 24.7228, 0.5577,
0.3305


276.4546, 0.4254,
0.3416


 15.8707, 0.5911,
0.3227


 51.2072, 0.5086,
0.3381


 9.4327, 0.6328,
0.3096


 69.6082, 0.4903,
0.3398


 5.0245, 0.6883,
0.2888

 91.9609, 0.4750,
0.3408

 2.2616, 0.7504,
0.2496

 118.6498, 0.4620,
0.3414

 0.7533, 0.8179,
0.1821

 150.0592, 0.4509,
0.3417

 0.0000, 1.0000,
0.0000

186.5736, 0.4412,

 0.0000, 0.0000,

0.3417

0.0000

228.5773, 0.4328,
0.3417

■ 24.7228, 0.5577,
0.3305

■ 24.7228, 0.5577,
0.3305

■ 21.9562, 0.5996,
0.3305

■ 28.8815, 0.5097,
0.3304

■ 20.3978, 0.6279,
0.3303


■ 34.5777, 0.4626,
0.3302


■ 19.8069, 0.6398,
0.3302


■ 41.9430, 0.4207,
0.3300

■ 51.0941, 0.3855,
0.3297

■ 62.1372, 0.3568,
0.3295

 75.1699, 0.3338,
0.3292

 90.2835, 0.3154,
0.3290

 98.5158, 0.3078,
0.3290

Harmonies

Analogous

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



24.7228, 0.4750, 0.2576



24.7228, 0.5577, 0.3305



24.7228, 0.5462, 0.4111

Triad

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



24.7228, 0.5577, 0.3305



24.7228, 0.2481, 0.5443



24.7228, 0.1472, 0.1520

Complementary

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



24.7228, 0.5577, 0.3305



73.9175, 0.2316, 0.3275

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.



24.7228, 0.1153, 0.1769



24.7228, 0.5577, 0.3305



24.7228, 0.1592, 0.3926

Square

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



24.7228, 0.5577, 0.3305



24.7228, 0.3602, 0.5737



24.7228, 0.1172, 0.2508



24.7228, 0.2190, 0.1601

Rectangle

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



24.7228, 0.5577, 0.3305



24.7228, 0.4988, 0.4711



24.7228, 0.1172, 0.2508



24.7228, 0.1327, 0.1561

Sweetspot

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



24.7243, 0.5577, 0.3305



66.3296, 0.3577, 0.3295



30.8688, 0.3201, 0.1723



13.4672, 0.3649, 0.3295



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.



24.7243, 0.5577, 0.3305



22.7070, 0.6143, 0.3304



44.8394, 0.4779, 0.4139



16.4979, 0.3294, 0.3292



10.4813, 0.6397, 0.3303



0.9265, 0.6386, 0.3312

Inverse Universe

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



73.9175, 0.2316, 0.3275



78.3006, 0.2262, 0.3272



32.6388, 0.2016, 0.2080



18.7403, 0.2981, 0.3288



38.2788, 0.2242, 0.3270



3.3696, 0.2242, 0.3272

Previews

White Background



This preview shows how the Yxy color 24.7228, 0.5577, 0.3305 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7228, 0.5577, 0.3305 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 × Fail

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

Yxy 24.7228, 0.5577, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 24.7228, 0.5577, 0.3305.



This preview shows how white text looks on a background with the Yxy color 24.7228, 0.5577, 0.3305.

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

24.7228, 0.5577, 0.3305

Protanopia

24.9775, 0.3727, 0.4024

Deuteranopia

24.7160, 0.4376, 0.4303



Tritanopia

24.6489, 0.5537, 0.3266

Trichromacy



Original Color

24.7228, 0.5577, 0.3305

Protanomaly

22.6565, 0.4441, 0.3684

Deuteranomaly

23.1665, 0.4884, 0.3849

Tritanomaly

24.6355, 0.5549, 0.3274

Monochromacy



Original Color

24.7228, 0.5577, 0.3305

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5376, 0.4049, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7228, 0.5577, 0.3305 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(247, 71, 70)` looks like.

```
.text, #text, p{  
    color:rgb(247, 71, 70)  
}
```

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(247, 71, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 71, 70) }
```

Border

The CSS property to change the border of an element to Yxy 24.7228, 0.5577, 0.3305 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(247, 71, 70) }
```

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

```
.border{ border-color:rgb(247, 71, 70) }
```

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

Here you see how a box with a 4 pixel rgb(247, 71, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 71, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 71, 70);  
box-shadow:4px 4px 4px 4px rgb(247, 71,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7228, 0.5577, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 71, 70) }
```

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

```
.background{ background-color: rgb(247, 71,  
70) }
```

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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