

Converting Colors

$Yxy(24.4854, 0.5662, 0.3297)$

Have a look what the booklet for
Yxy(24.4854, 0.5662, 0.3297)
contains.

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Color

Yxy(24.4295, 0.5669, 0.3298)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F94242 |
| RGB | 249, 66, 66 |
| RGB Percent | 98%, 26%, 26% |
| CMY | 0.0236, 0.7410, 0.7413 |
| CMYK | 0.00, 0.73, 0.74, 0.02 |
| HSL | 0°, 94%, 62% |
| HSV | 0°, 74%, 98% |
| XYZ | 41.9924, 24.4295, 7.6518 |
| YIQ | 120.7170, 109.0680, 38.7960 |

Conversions

Conversions Part 2

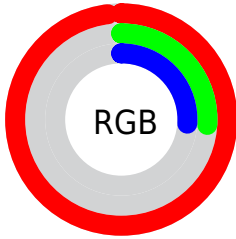
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 249, 66, 66 |
| Decimal | 16335426 |
| CIE _{Lab} | 56.52, 68.25, 42.49 |
| CIE _{LCh} | 57, 80.396, 31.907 |
| Yxy | 24.4295, 0.5669, 0.3298 |
| Android (android.graphics.Color) | 4294525506 (0xFFFF94242) |
| YUV | 120.7170, -26.9755, 112.5042 |
| Hunter-Lab | 49.4262, 65.1572, 25.4195 |

Details

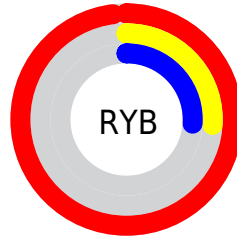
The Yxy color **24.4295, 0.5669, 0.3298** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **75.6857, 0.2310, 0.3287**, and the grayscale version is **19.0927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4195, 0.4712, 0.3404**, and **10.2483, 0.6252, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **21.8935, 0.6067, 0.3299**, and if you desaturate by 10%, it is **28.3601, 0.5194, 0.3297**.

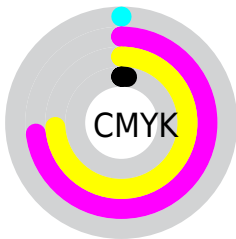
Distribution



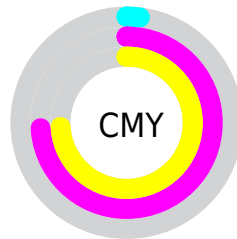
- Red (98%)
- Green (26%)
- Blue (26%)



- Red (98%)
- Yellow (26%)
- Blue (26%)



- Cyan (0%)
- Magenta (73%)
- Yellow (74%)
- Black (2%)



- Cyan (2%)
- Magenta (74%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4295, 0.5669, 0.3298 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 24.4295, 0.5669, 0.3298 by changing the saturation by 10% instead.


 24.4295, 0.5669,
0.3298


 24.4295, 0.5669,
0.3298


274.9848, 0.4301,
0.3423


 15.6525, 0.6010,
0.3212


 50.7302, 0.5164,
0.3382


 9.2786, 0.6431,
0.3069


 69.0227, 0.4975,
0.3402


 4.9234, 0.7014,
0.2855

 91.2558, 0.4816,
0.3414

 2.2024, 0.7576,
0.2424

 117.8140, 0.4681,
0.3420

 0.7213, 0.8264,
0.1736

 149.0815, 0.4566,
0.3424

 0.0000, 1.0000,
0.0000

185.4429, 0.4465,

 0.0000, 0.0000,


0.3425


0.0000


227.2825, 0.4378,
0.3425


 24.4295, 0.5669,
0.3298


 24.4295, 0.5669,
0.3298


 21.8935, 0.6067,
0.3299


 28.3601, 0.5194,
0.3297


 20.5525, 0.6317,
0.3300


 33.8415, 0.4715,
0.3295


 20.1381, 0.6401,
0.3300

 41.0135, 0.4283,
0.3294

 49.9995, 0.3916,
0.3293

 60.9112, 0.3617,
0.3292

 73.8515, 0.3376,
0.3291

 88.9157, 0.3185,
0.3290

 98.8758, 0.3090,
0.3290

Harmonies

Analogous

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



24.4295, 0.4831, 0.2559



24.4295, 0.5669, 0.3298



24.4295, 0.5517, 0.4119

Triad

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



24.4295, 0.5669, 0.3298



24.4295, 0.2429, 0.5530



24.4295, 0.1434, 0.1470

Complementary

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



24.4295, 0.5669, 0.3298



75.6857, 0.2310, 0.3287

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.



24.4295, 0.1105, 0.1713



24.4295, 0.5669, 0.3298



24.4295, 0.1528, 0.3922

Square

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



24.4295, 0.5669, 0.3298



24.4295, 0.3575, 0.5831



24.4295, 0.1114, 0.2455



24.4295, 0.2172, 0.1559

Rectangle

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



24.4295, 0.5669, 0.3298



24.4295, 0.5012, 0.4740



24.4295, 0.1114, 0.2455



24.4295, 0.1285, 0.1510

Sweetspot

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



24.4310, 0.5669, 0.3298



66.1907, 0.3578, 0.3292



30.8671, 0.3202, 0.1701



13.4353, 0.3650, 0.3292



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.



24.4310, 0.5669, 0.3298



22.3210, 0.6203, 0.3299



44.8038, 0.4830, 0.4147



17.2264, 0.3294, 0.3291



10.7822, 0.6400, 0.3300



0.9990, 0.6400, 0.3301

Inverse Universe

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



75.6857, 0.2310, 0.3287



78.9645, 0.2261, 0.3286



32.2704, 0.1993, 0.2043



19.6073, 0.2980, 0.3289



39.8930, 0.2246, 0.3286



3.6952, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 24.4295, 0.5669, 0.3298 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 24.4295, 0.5669, 0.3298 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 24.4295, 0.5669, 0.3298

Background



This preview shows how black text looks on a background with the Yxy color 24.4295, 0.5669, 0.3298.



This preview shows how white text looks on a background with the Yxy color 24.4295, 0.5669, 0.3298.

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

24.4295, 0.5669, 0.3298

Protanopia

24.6255, 0.3775, 0.4074

Deuteranopia

24.4019, 0.4429, 0.4344



Tritanopia

24.4535, 0.5647, 0.3283

Trichromacy



Original Color

24.4295, 0.5669, 0.3298

Protanomaly

22.2772, 0.4522, 0.3706

Deuteranomaly

22.6193, 0.4979, 0.3856

Tritanomaly

24.4414, 0.5658, 0.3290

Monochromacy



Original Color

24.4295, 0.5669, 0.3298

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.5718, 0.4105, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4295, 0.5669, 0.3298 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(249, 66, 66)` looks like.

```
.text, #text, p{  
    color:rgb(249, 66, 66)  
}
```

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(249, 66, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 66, 66) }
```

Border

The CSS property to change the border of an element to Yxy 24.4295, 0.5669, 0.3298 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(249, 66, 66) }
```

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

```
.border{ border-color:rgb(249, 66, 66) }
```

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

Here you see how a box with a 4 pixel rgb(249, 66, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 66, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 66, 66);  
box-shadow:4px 4px 4px 4px rgb(249, 66,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4295, 0.5669, 0.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 66, 66) }
```

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

```
.background{ background-color: rgb(249, 66,  
66) }
```

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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