

Converting Colors

$Yxy(22.4418, 0.5216, 0.3229)$

Have a look what the booklet for
Yxy(22.4418, 0.5216, 0.3229)
contains.

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Color

Yxy(22.4418, 0.5216, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	E44D54
RGB	228, 77, 84
RGB Percent	89%, 30%, 33%
CMY	0.1058, 0.6981, 0.6706
CMYK	0.00, 0.66, 0.63, 0.11
HSL	357°, 74%, 60%
HSV	357°, 66%, 89%
XYZ	36.2516, 22.4418, 10.8074
YIQ	122.9470, 87.7490, 34.1890

Conversions

Conversions Part 2

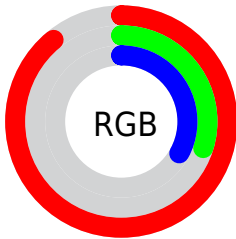
Format	Color
R_{YB}	228, 77, 84
Decimal	14962004
CIE Lab	54.49, 58.76, 28.94
CIE LCh	54, 65.496, 26.220
Yxy	22.4418, 0.5216, 0.3229
Android (android.graphics.Color)	4293152084 (0xFFE44D54)
YUV	122.9470, -19.2009, 92.1315
Hunter-Lab	47.3728, 53.6932, 19.6348

Details

The Yxy color **22.4418, 0.5216, 0.3229** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **62.2917, 0.2380, 0.3380**, and the grayscale version is **19.8315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7563, 0.4454, 0.3284**, and **8.2752, 0.5954, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **19.5029, 0.5676, 0.3236**, and if you desaturate by 10%, it is **26.6066, 0.4750, 0.3230**.

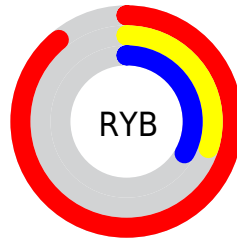
Distribution



Red (89%)

Green (30%)

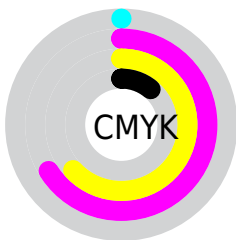
Blue (33%)



Red (89%)

Yellow (30%)

Blue (33%)

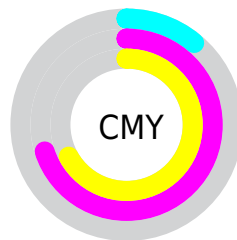


Cyan (0%)

Magenta (66%)

Yellow (63%)

Black (11%)



Cyan (11%)


Magenta (70%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4418, 0.5216, 0.3229 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 22.4418, 0.5216, 0.3229 by changing the saturation by 10% instead.


 22.4418, 0.5216,
0.3229


 22.4418, 0.5216,
0.3229


264.8449, 0.4052,
0.3338


 14.1819, 0.5535,
0.3165


 47.4751, 0.4769,
0.3293

 8.2473, 0.5952,
0.3057

 65.0173, 0.4607,
0.3310

 4.2536, 0.6507,
0.2867

 86.4224, 0.4474,
0.3320

 1.8164, 0.7423,
0.2577

 112.0748, 0.4362,
0.3328

 0.4974, 0.8295,
0.1705

 142.3588, 0.4267,
0.3332

 0.0000, 1.0000,
0.0000

177.6589, 0.4185,

 0.0000, 0.0000,


0.3335


0.0000


218.3594, 0.4114,
0.3337


 22.4418, 0.5216,
0.3229


 22.4418, 0.5216,
0.3229


 19.5029, 0.5676,
0.3236


 26.6066, 0.4750,
0.3230


 17.6532, 0.6060,
0.3253


 32.1073, 0.4325,
0.3237


 16.7286, 0.6306,
0.3275


 39.0462, 0.3961,
0.3248


 16.5190, 0.6363,
0.3279

 47.5146, 0.3662,
0.3259

 57.5959, 0.3421,
0.3272

 69.3680, 0.3228,
0.3283

 82.9034, 0.3073,
0.3294

 95.2358, 0.2964,
0.3290

Harmonies

Analogous

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



22.4418, 0.4356, 0.2555



22.4418, 0.5216, 0.3229



22.4418, 0.5301, 0.3971

Triad

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



22.4418, 0.5216, 0.3229



22.4418, 0.2767, 0.5264



22.4418, 0.1551, 0.1704

Complementary

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



22.4418, 0.5216, 0.3229



62.2917, 0.2380, 0.3380

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.



22.4418, 0.1308, 0.2019



22.4418, 0.5216, 0.3229



22.4418, 0.1886, 0.4104

Square

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



22.4418, 0.5216, 0.3229



22.4418, 0.3797, 0.5394



22.4418, 0.1399, 0.2805



22.4418, 0.2152, 0.1723

Rectangle

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



22.4418, 0.5216, 0.3229



22.4418, 0.4970, 0.4500



22.4418, 0.1399, 0.2805



22.4418, 0.1433, 0.1767

Sweetspot

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



22.4431, 0.5216, 0.3229



68.9197, 0.3509, 0.3267



26.1969, 0.3118, 0.1764



13.9693, 0.3577, 0.3263



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.



22.4431, 0.5216, 0.3229



24.2142, 0.5813, 0.3241



37.2680, 0.4690, 0.4023



14.3788, 0.3285, 0.3280



9.5424, 0.6350, 0.3272



0.7090, 0.6210, 0.3195

Inverse Universe

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



22.4431, 0.5216, 0.3229



24.2142, 0.5813, 0.3241



32.3402, 0.2116, 0.2309



14.3788, 0.3285, 0.3280



9.5424, 0.6350, 0.3272



0.7090, 0.6210, 0.3195

Previews

White Background



This preview shows how the Yxy color 22.4418, 0.5216, 0.3229 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 22.4418, 0.5216, 0.3229 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 22.4418, 0.5216, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 22.4418, 0.5216, 0.3229.



This preview shows how white text looks on a background with the Yxy color 22.4418, 0.5216, 0.3229.

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

22.4418, 0.5216, 0.3229

Protanopia

22.7622, 0.3501, 0.3730

Deuteranopia

22.5600, 0.4134, 0.4066



Tritanopia

22.4109, 0.5243, 0.3249

Trichromacy



Original Color

22.4418, 0.5216, 0.3229

Protanomaly

20.9086, 0.4122, 0.3492

Deuteranomaly

21.4800, 0.4563, 0.3693

Tritanomaly

22.4263, 0.5230, 0.3239

Monochromacy



Original Color

22.4418, 0.5216, 0.3229

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.9893, 0.3863, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4418, 0.5216, 0.3229 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(228, 77, 84)` looks like.

```
.text, #text, p{  
  color:rgb(228, 77, 84)  
}
```

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(228, 77, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 77, 84) }
```

Border

The CSS property to change the border of an element to Yxy 22.4418, 0.5216, 0.3229 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(228, 77, 84) }
```

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

```
.border{ border-color:rgb(228, 77, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 77, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 77, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 77, 84);  
box-shadow:4px 4px 4px 4px rgb(228, 77,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4418, 0.5216, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 77, 84) }
```

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

```
.background{ background-color: rgb(228, 77,  
84) }
```

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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