

Converting Colors

$Y_{xy}(22.8340, 0.5165, 0.3125)$

Have a look what the booklet for
Yxy(22.8340, 0.5165, 0.3125)
contains.

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Color

Yxy(22.8261, 0.5157, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	E84A5C
RGB	232, 74, 92
RGB Percent	91%, 29%, 36%
CMY	0.0902, 0.7097, 0.6394
CMYK	0.00, 0.68, 0.60, 0.09
HSL	353°, 77%, 60%
HSV	353°, 68%, 91%
XYZ	37.6565, 22.8261, 12.5376
YIQ	123.2940, 88.3900, 39.0940

Conversions

Conversions Part 2

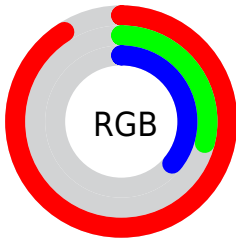
Format	Color
R_{YB}	232, 74, 92
Decimal	15223388
CIE _{Lab}	54.89, 61.66, 24.93
CIE _{LCh}	55, 66.506, 22.014
Yxy	22.8261, 0.5157, 0.3126
Android (android.graphics.Color)	4293413468 (0xFFE84A5C)
YUV	123.2940, -15.4279, 95.3352
Hunter-Lab	47.7767, 57.0805, 17.8848

Details

The Yxy color **22.8261, 0.5157, 0.3126** 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 **64.0242, 0.2414, 0.3526**, and the grayscale version is **19.9416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4456, 0.4373, 0.3180**, and **8.7513, 0.5829, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **19.9671, 0.5600, 0.3141**, and if you desaturate by 10%, it is **26.9269, 0.4712, 0.3131**.

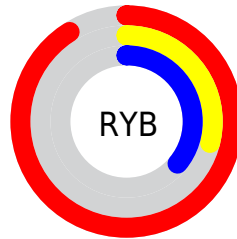
Distribution



Red (91%)

Green (29%)

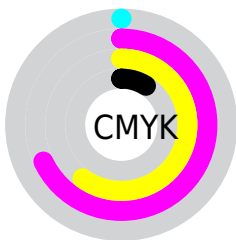
Blue (36%)



Red (91%)

Yellow (29%)

Blue (36%)

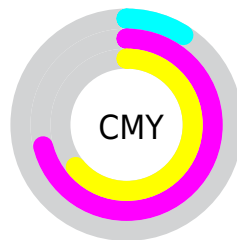


Cyan (0%)

Magenta (68%)

Yellow (60%)

Black (9%)



Cyan (9%)


Magenta (71%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8261, 0.5157, 0.3126 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 22.8261, 0.5157, 0.3126 by changing the saturation by 10% instead.


 22.8261, 0.5157,
0.3126


 22.8261, 0.5157,
0.3126


266.8305, 0.4026,
0.3281

 14.4652, 0.5469,
0.3056


 48.1076, 0.4721,
0.3204


 8.4449, 0.5881,
0.2943


 65.7970, 0.4565,
0.3226

 4.3809, 0.6437,
0.2754

 87.3646, 0.4435,
0.3243

 1.8888, 0.7433,
0.2497

 113.1949, 0.4327,
0.3255

 0.5417, 0.8306,
0.1694

 143.6723, 0.4235,
0.3264

 0.0000, 1.0000,
0.0000

179.1811, 0.4155,

 0.0000, 0.0000,

0.3271

0.0000

220.1057, 0.4086,
0.3276

■ 22.8261, 0.5157,
0.3126

■ 22.8261, 0.5157,
0.3126

■ 19.9671, 0.5600,
0.3141

■ 26.9269, 0.4712,
0.3131

■ 18.2051, 0.5982,
0.3177

■ 32.3853, 0.4307,
0.3150


■ 17.3459, 0.6246,
0.3228


■ 39.3083, 0.3960,
0.3177

■ 17.2309, 0.6284,
0.3235

■ 47.7911, 0.3672,
0.3207

■ 57.9207, 0.3439,
0.3238

 69.7779, 0.3252,
0.3268

 83.4382, 0.3101,
0.3295

 95.8947, 0.2987,
0.3290

Harmonies

Analogous

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



22.8261, 0.4203, 0.2462



22.8261, 0.5157, 0.3126



22.8261, 0.5353, 0.3863

Triad

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



22.8261, 0.5157, 0.3126



22.8261, 0.2904, 0.5374



22.8261, 0.1486, 0.1714

Complementary

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



22.8261, 0.5157, 0.3126



64.0242, 0.2414, 0.3526

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.



22.8261, 0.1288, 0.2086



22.8261, 0.5157, 0.3126



22.8261, 0.1979, 0.4312

Square

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



22.8261, 0.5157, 0.3126



22.8261, 0.3940, 0.5351



22.8261, 0.1429, 0.2955



22.8261, 0.2035, 0.1692

Rectangle

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



22.8261, 0.5157, 0.3126



22.8261, 0.5072, 0.4391



22.8261, 0.1429, 0.2955



22.8261, 0.1383, 0.1793

Sweetspot

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



22.8274, 0.5157, 0.3126



69.0885, 0.3482, 0.3232



24.9570, 0.3007, 0.1682



14.0088, 0.3546, 0.3223



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.



22.8274, 0.5157, 0.3126



23.6439, 0.5777, 0.3154



34.8600, 0.4849, 0.3920



14.3945, 0.3275, 0.3264



9.5757, 0.6259, 0.3222



0.7165, 0.5959, 0.3056

Inverse Universe

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



22.8274, 0.5157, 0.3126



23.6439, 0.5777, 0.3154



36.5742, 0.2131, 0.2433



14.3945, 0.3275, 0.3264



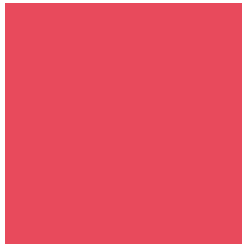
9.5757, 0.6259, 0.3222



0.7165, 0.5959, 0.3056

Previews

White Background



This preview shows how the Yxy color 22.8261, 0.5157, 0.3126 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 22.8261, 0.5157, 0.3126 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 22.8261, 0.5157, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 22.8261, 0.5157, 0.3126.



This preview shows how white text looks on a background with the Yxy color 22.8261, 0.5157, 0.3126.

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

22.8261, 0.5157, 0.3126

Protanopia

22.9202, 0.3364, 0.3535

Deuteranopia

22.9327, 0.4036, 0.3962



Tritanopia

22.7370, 0.5303, 0.3260

Trichromacy



Original Color

22.8261, 0.5157, 0.3126

Protanomaly

21.0052, 0.4002, 0.3323

Deuteranomaly

21.6426, 0.4491, 0.3570

Tritanomaly

22.6612, 0.5255, 0.3213

Monochromacy



Original Color

22.8261, 0.5157, 0.3126

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.0595, 0.3851, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8261, 0.5157, 0.3126 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(232, 74, 92)` looks like.

```
.text, #text, p{  
    color:rgb(232, 74, 92)  
}
```

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(232, 74, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 74, 92) }
```

Border

The CSS property to change the border of an element to Yxy 22.8261, 0.5157, 0.3126 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(232, 74, 92) }
```

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

```
.border{ border-color:rgb(232, 74, 92) }
```

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

Here you see how a box with a 4 pixel rgb(232, 74, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 74, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 74, 92);  
box-shadow:4px 4px 4px 4px rgb(232, 74,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8261, 0.5157, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 74, 92) }
```

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

```
.background{ background-color: rgb(232, 74,  
92) }
```

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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