

Converting Colors

$Yxy(22.8408, 0.5052, 0.3157)$

Have a look what the booklet for
Yxy(22.8408, 0.5052, 0.3157)
contains.

Yxy(22.8764, 0.5042, 0.3154)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.8764, 0.5042, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	E3505E
RGB	227, 80, 94
RGB Percent	89%, 31%, 37%
CMY	0.1098, 0.6863, 0.6313
CMYK	0.00, 0.65, 0.59, 0.11
HSL	354°, 72%, 60%
HSV	354°, 65%, 89%
XYZ	36.5703, 22.8764, 13.0847
YIQ	125.5490, 83.1180, 35.5180

Conversions

Conversions Part 2

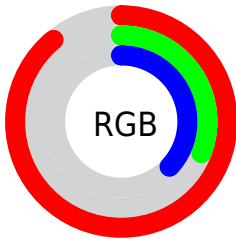
Format	Color
R_YB	227, 80, 94
Decimal	14897246
CIE Lab	54.94, 57.87, 23.62
CIE LCh	55, 62.503, 22.207
Yxy	22.8764, 0.5042, 0.3154
Android (android.graphics.Color)	4293087326 (0xFFE3505E)
YUV	125.5490, -15.5537, 88.9725
Hunter-Lab	47.8293, 52.7801, 17.2605

Details

The Yxy color **22.8764, 0.5042, 0.3154** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **61.4500, 0.2420, 0.3476**, and the grayscale version is **20.7366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8819, 0.4325, 0.3211**, and **8.4298, 0.5738, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **19.7754, 0.5496, 0.3162**, and if you desaturate by 10%, it is **27.2004, 0.4600, 0.3162**.

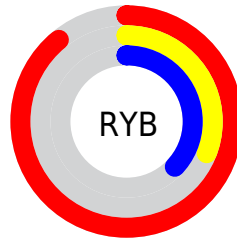
Distribution



Red (89%)

Green (31%)

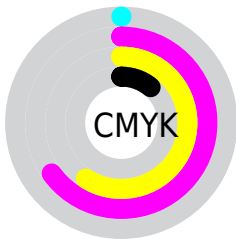
Blue (37%)



Red (89%)

Yellow (31%)

Blue (37%)

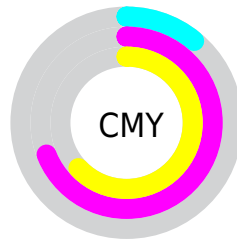


Cyan (0%)

Magenta (65%)

Yellow (59%)

Black (11%)



Cyan (11%)


Magenta (69%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8764, 0.5042, 0.3154 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 22.8764, 0.5042, 0.3154 by changing the saturation by 10% instead.


 22.8764, 0.5042,
0.3154


 22.8764, 0.5042,
0.3154


267.0895, 0.3973,
0.3287


 14.5023, 0.5340,
0.3092


 48.1903, 0.4629,
0.3222


 8.4708, 0.5736,
0.2992


 65.8989, 0.4481,
0.3241

 4.3977, 0.6276,
0.2820

 87.4877, 0.4358,
0.3255

 1.8984, 0.7220,
0.2577

 113.3411, 0.4256,
0.3265

 0.5474, 0.8187,
0.1813

 143.8437, 0.4169,
0.3273

 0.0000, 1.0000,
0.0000

179.3797, 0.4094,

 0.0000, 0.0000,

0.3279

0.0000

220.3335, 0.4030,
0.3283

■ 22.8764, 0.5042,
0.3154

■ 22.8764, 0.5042,
0.3154

■ 19.7754, 0.5496,
0.3162

■ 27.2004, 0.4600,
0.3162

■ 17.7671, 0.5905,
0.3188

■ 32.8525, 0.4205,
0.3180

■ 16.6990, 0.6204,
0.3230


■ 39.9310, 0.3872,
0.3204

■ 16.3886, 0.6309,
0.3249

■ 48.5237, 0.3598,
0.3229

■ 58.7114, 0.3376,
0.3255

 70.5692, 0.3199,
0.3279

 84.1674, 0.3056,
0.3302

 95.0720, 0.2958,
0.3290

Harmonies

Analogous

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



22.8764, 0.4148, 0.2510



22.8764, 0.5042, 0.3154



22.8764, 0.5239, 0.3868

Triad

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



22.8764, 0.5042, 0.3154



22.8764, 0.2929, 0.5227



22.8764, 0.1562, 0.1787

Complementary

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



22.8764, 0.5042, 0.3154



61.4500, 0.2420, 0.3476

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.



22.8764, 0.1369, 0.2151



22.8764, 0.5042, 0.3154



22.8764, 0.2043, 0.4237

Square

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



22.8764, 0.5042, 0.3154



22.8764, 0.3918, 0.5246



22.8764, 0.1509, 0.2980



22.8764, 0.2096, 0.1764

Rectangle

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



22.8764, 0.5042, 0.3154



22.8764, 0.4984, 0.4372



22.8764, 0.1509, 0.2980



22.8764, 0.1461, 0.1866

Sweetspot

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



22.8777, 0.5042, 0.3154



70.3798, 0.3467, 0.3244



25.3260, 0.3042, 0.1752



14.2577, 0.3532, 0.3236



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.



22.8777, 0.5042, 0.3154



24.6072, 0.5658, 0.3169



35.3189, 0.4713, 0.3932



14.3902, 0.3278, 0.3268



9.5648, 0.6289, 0.3238



0.7145, 0.6024, 0.3092

Inverse Universe

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



22.8777, 0.5042, 0.3154



24.6072, 0.5658, 0.3169



35.3322, 0.2162, 0.2447



14.3902, 0.3278, 0.3268



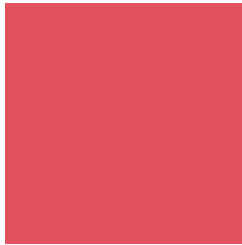
9.5648, 0.6289, 0.3238



0.7145, 0.6024, 0.3092

Previews

White Background



This preview shows how the Yxy color 22.8764, 0.5042, 0.3154 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 22.8764, 0.5042, 0.3154 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 22.8764, 0.5042, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 22.8764, 0.5042, 0.3154.



This preview shows how white text looks on a background with the Yxy color 22.8764, 0.5042, 0.3154.

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

22.8764, 0.5042, 0.3154

Protanopia

23.1902, 0.3361, 0.3552

Deuteranopia

22.9808, 0.4002, 0.3917



Tritanopia

22.8876, 0.5149, 0.3247

Trichromacy



Original Color

22.8764, 0.5042, 0.3154

Protanomaly

21.4604, 0.3945, 0.3354

Deuteranomaly

21.8658, 0.4410, 0.3560

Tritanomaly

22.9370, 0.5107, 0.3216

Monochromacy



Original Color

22.8764, 0.5042, 0.3154

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.9387, 0.3804, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8764, 0.5042, 0.3154 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(227, 80, 94)` looks like.

```
.text, #text, p{  
    color:rgb(227, 80, 94)  
}
```

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(227, 80, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 80, 94) }
```

Border

The CSS property to change the border of an element to Yxy 22.8764, 0.5042, 0.3154 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(227, 80, 94) }
```

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

```
.border{ border-color:rgb(227, 80, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 80, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 80, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 80, 94);  
box-shadow:4px 4px 4px 4px rgb(227, 80,  
94) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.8764, 0.5042, 0.3154$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 80, 94) }
```

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

```
.background{ background-color: rgb(227, 80,  
94) }
```

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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