

Converting Colors

$Yxy(22.4399, 0.5097, 0.3192)$

Have a look what the booklet for
Yxy(22.4399, 0.5097, 0.3192)
contains.

Yxy(22.3377, 0.5089, 0.3185)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.3377, 0.5089, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	E14F5A
RGB	225, 79, 90
RGB Percent	88%, 31%, 35%
CMY	0.1177, 0.6901, 0.6470
CMYK	0.00, 0.65, 0.60, 0.12
HSL	355°, 71%, 60%
HSV	355°, 65%, 88%
XYZ	35.6912, 22.3377, 12.1051
YIQ	123.9080, 83.4850, 34.3730

Conversions

Conversions Part 2

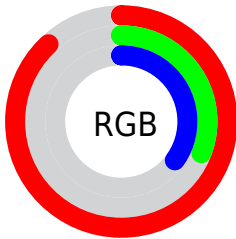
Format	Color
R_{YB}	225, 79, 90
Decimal	14765914
CIE _{Lab}	54.38, 57.35, 25.18
CIE _{LCh}	54, 62.634, 23.707
Yxy	22.3377, 0.5089, 0.3185
Android (android.graphics.Color)	4292955994 (0xFFE14F5A)
YUV	123.9080, -16.7166, 88.6577
Hunter-Lab	47.2628, 52.0872, 17.8983

Details

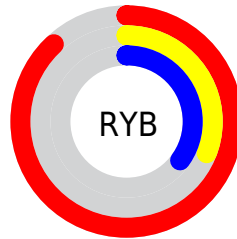
The Yxy color **22.3377, 0.5089, 0.3185** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **60.3639, 0.2407, 0.3436**, and the grayscale version is **20.1621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4814, 0.4376, 0.3242**, and **8.1714, 0.5788, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **19.3172, 0.5548, 0.3192**, and if you desaturate by 10%, it is **26.5577, 0.4638, 0.3190**.

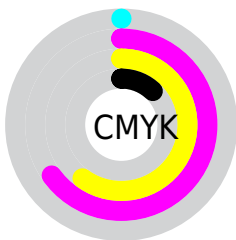
Distribution



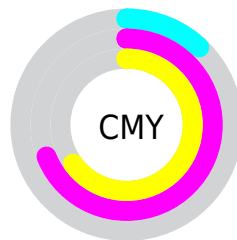
- Red (88%)
- Green (31%)
- Blue (35%)



- Red (88%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (65%)
- Yellow (60%)
- Black (12%)




- Cyan (12%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3377, 0.5089, 0.3185 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 22.3377, 0.5089, 0.3185 by changing the saturation by 10% instead.


 22.3377, 0.5089,
0.3185


 22.3377, 0.5089,
0.3185


264.3048, 0.3991,
0.3306


 14.1052, 0.5395,
0.3123


 47.3035, 0.4664,
0.3250

 8.1939, 0.5801,
0.3021

 64.8057, 0.4512,
0.3268


 4.2193, 0.6351,
0.2844

 86.1665, 0.4387,
0.3280

 1.7970, 0.7386,
0.2614

 111.7704, 0.4281,
0.3289

 0.4853, 0.8275,
0.1725

 142.0018, 0.4192,
0.3295

 0.0000, 1.0000,
0.0000

177.2451, 0.4116,

 0.0000, 0.0000,

0.3300

0.0000

217.8846, 0.4049,
0.3303

■ 22.3377, 0.5089,
0.3185

■ 22.3377, 0.5089,
0.3185

■ 19.3172, 0.5548,
0.3192

■ 26.5577, 0.4638,
0.3190

■ 17.3680, 0.5953,
0.3215

■ 32.0809, 0.4234,
0.3204

■ 16.3396, 0.6239,
0.3249

■ 39.0039, 0.3892,
0.3222

■ 16.0465, 0.6334,
0.3263

■ 47.4132, 0.3611,
0.3242

■ 57.3885, 0.3384,
0.3262

■ 69.0034, 0.3202,
0.3281

■ 82.3273, 0.3057,
0.3299

■ 94.7462, 0.2946,
0.3289

Harmonies

Analogous

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



22.3377, 0.4214, 0.2533



22.3377, 0.5089, 0.3185



22.3377, 0.5247, 0.3906

Triad

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



22.3377, 0.5089, 0.3185



22.3377, 0.2875, 0.5221



22.3377, 0.1568, 0.1767

Complementary

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



22.3377, 0.5089, 0.3185



60.3639, 0.2407, 0.3436

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.



22.3377, 0.1358, 0.2112



22.3377, 0.5089, 0.3185



22.3377, 0.1995, 0.4182

Square

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



22.3377, 0.5089, 0.3185



22.3377, 0.3872, 0.5284



22.3377, 0.1481, 0.2921



22.3377, 0.2124, 0.1759

Rectangle

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



22.3377, 0.5089, 0.3185



22.3377, 0.4968, 0.4414



22.3377, 0.1481, 0.2921



22.3377, 0.1462, 0.1840

Sweetspot

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



22.3390, 0.5089, 0.3185



70.3309, 0.3474, 0.3254



25.1505, 0.3068, 0.1762



14.2462, 0.3541, 0.3248



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.



22.3390, 0.5089, 0.3185



24.5540, 0.5706, 0.3199



35.2803, 0.4693, 0.3960



13.7172, 0.3280, 0.3273



9.2540, 0.6315, 0.3253



0.6474, 0.6085, 0.3126

Inverse Universe

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



22.3390, 0.5089, 0.3185



24.5540, 0.5706, 0.3199



33.7102, 0.2152, 0.2408



13.7172, 0.3280, 0.3273



9.2540, 0.6315, 0.3253



0.6474, 0.6085, 0.3126

Previews

White Background



This preview shows how the Yxy color 22.3377, 0.5089, 0.3185 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 22.3377, 0.5089, 0.3185 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 22.3377, 0.5089, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 22.3377, 0.5089, 0.3185.



This preview shows how white text looks on a background with the Yxy color 22.3377, 0.5089, 0.3185.

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

22.3377, 0.5089, 0.3185

Protanopia

22.4535, 0.3411, 0.3609

Deuteranopia

22.4599, 0.4030, 0.3970



Tritanopia

22.4008, 0.5153, 0.3246

Trichromacy



Original Color

22.3377, 0.5089, 0.3185

Protanomaly

20.8034, 0.4013, 0.3401

Deuteranomaly

21.3421, 0.4447, 0.3604

Tritanomaly

22.4330, 0.5125, 0.3226

Monochromacy



Original Color

22.3377, 0.5089, 0.3185

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.4720, 0.3810, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3377, 0.5089, 0.3185 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(225, 79, 90)` looks like.

```
.text, #text, p{  
    color:rgb(225, 79, 90)  
}
```

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(225, 79, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 79, 90) }
```

Border

The CSS property to change the border of an element to Yxy 22.3377, 0.5089, 0.3185 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(225, 79, 90) }
```

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

```
.border{ border-color:rgb(225, 79, 90) }
```

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

Here you see how a box with a 4 pixel rgb(225, 79, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 79, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 79, 90);  
box-shadow:4px 4px 4px 4px rgb(225, 79,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3377, 0.5089, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 79, 90) }
```

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

```
.background{ background-color: rgb(225, 79,  
90) }
```

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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