

Converting Colors

$Y_{xy}(23.2729, 0.5130, 0.3347)$

Have a look what the booklet for
Yxy(23.2729, 0.5130, 0.3347)
contains.

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Color

Yxy(23.2729, 0.5130, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	E05752
RGB	224, 87, 82
RGB Percent	88%, 34%, 32%
CMY	0.1216, 0.6588, 0.6785
CMYK	0.00, 0.61, 0.63, 0.12
HSL	2°, 70%, 60%
HSV	2°, 63%, 88%
XYZ	35.6707, 23.2729, 10.5900
YIQ	127.3930, 83.2570, 27.4890

Conversions

Conversions Part 2

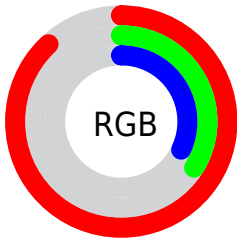
Format	Color
R_{YB}	224, 87, 82
Decimal	14702418
CIE Lab	55.35, 53.10, 31.05
CIE LCh	55, 61.513, 30.311
Yxy	23.2729, 0.5130, 0.3347
Android (android.graphics.Color)	4292892498 (0xFFE05752)
YUV	127.3930, -22.3787, 84.7243
Hunter-Lab	48.2420, 47.5617, 20.7542

Details

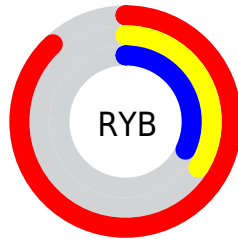
The Yxy color **23.2729, 0.5130, 0.3347** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **57.8188, 0.2354, 0.3221**, and the grayscale version is **21.4237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2719, 0.4426, 0.3397**, and **8.6455, 0.5820, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **19.9962, 0.5598, 0.3346**, and if you desaturate by 10%, it is **27.7101, 0.4666, 0.3342**.

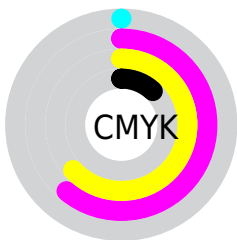
Distribution



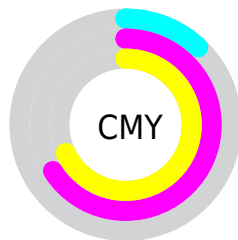
- Red (88%)
- Green (34%)
- Blue (32%)



- Red (88%)
- Yellow (34%)
- Blue (32%)



- Cyan (0%)
- Magenta (61%)
- Yellow (63%)
- Black (12%)



- Cyan (12%)
- Magenta (66%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2729, 0.5130, 0.3347 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 23.2729, 0.5130, 0.3347 by changing the saturation by 10% instead.


 23.2729, 0.5130,
0.3347

 23.2729, 0.5130,
0.3347


269.1236, 0.4020,
0.3391


 14.7951, 0.5432,
0.3301


 48.8410, 0.4705,
0.3387


 8.6757, 0.5826,
0.3215


 66.7002, 0.4551,
0.3394


 4.5303, 0.6348,
0.3055

 88.4553, 0.4424,
0.3397

 1.9744, 0.7198,
0.2802

 114.4907, 0.4317,
0.3398

 0.5925, 0.7969,
0.2031

 145.1909, 0.4226,
0.3397

 0.0000, 1.0000,
0.0000

180.9401, 0.4147,

 0.0000, 0.0000,

0.3396

0.0000

222.1229, 0.4079,
0.3394

■ 23.2729, 0.5130,
0.3347

■ 23.2729, 0.5130,
0.3347

■ 19.9962, 0.5598,
0.3346

■ 27.7101, 0.4666,
0.3342

■ 17.7683, 0.6004,
0.3337

■ 33.3983, 0.4250,
0.3334

■ 16.4622, 0.6278,
0.3322

■ 40.4237, 0.3896,
0.3324

■ 16.0194, 0.6381,
0.3316

■ 48.8636, 0.3605,
0.3313

■ 58.7895, 0.3371,
0.3303

70.2680, 0.3182,
0.3293

83.3619, 0.3031,
0.3284

94.5871, 0.2940,
0.3289

Harmonies

Analogous

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



23.2729, 0.4412, 0.2686



23.2729, 0.5130, 0.3347



23.2729, 0.5132, 0.4067

Triad

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



23.2729, 0.5130, 0.3347



23.2729, 0.2681, 0.5000



23.2729, 0.1694, 0.1777

Complementary

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



23.2729, 0.5130, 0.3347



57.8188, 0.2354, 0.3221

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.



23.2729, 0.1416, 0.2037



23.2729, 0.5130, 0.3347



23.2729, 0.1883, 0.3869

Square

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



23.2729, 0.5130, 0.3347



23.2729, 0.3653, 0.5289



23.2729, 0.1464, 0.2720



23.2729, 0.2321, 0.1830

Rectangle

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



23.2729, 0.5130, 0.3347



23.2729, 0.4789, 0.4563



23.2729, 0.1464, 0.2720



23.2729, 0.1565, 0.1825

Sweetspot

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



23.2742, 0.5130, 0.3347



70.9853, 0.3499, 0.3309



27.0066, 0.3245, 0.1881



14.4001, 0.3570, 0.3312



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.



23.2742, 0.5130, 0.3347



25.7418, 0.5736, 0.3344



40.8149, 0.4499, 0.4132



13.7780, 0.3291, 0.3299



9.3597, 0.6374, 0.3321



0.6767, 0.6295, 0.3384

Inverse Universe

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



57.8188, 0.2354, 0.3221



75.4331, 0.2277, 0.3205



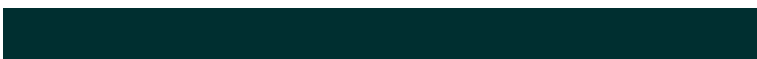
28.4341, 0.2111, 0.2178



15.4846, 0.2982, 0.3281



31.7744, 0.2217, 0.3179



2.2288, 0.2222, 0.3197

Previews

White Background



This preview shows how the Yxy color 23.2729, 0.5130, 0.3347 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 23.2729, 0.5130, 0.3347 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 23.2729, 0.5130, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 23.2729, 0.5130, 0.3347.



This preview shows how white text looks on a background with the Yxy color 23.2729, 0.5130, 0.3347.

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

23.2729, 0.5130, 0.3347

Protanopia

23.4459, 0.3597, 0.3861

Deuteranopia

23.3681, 0.4165, 0.4097



Tritanopia

23.2582, 0.5014, 0.3244

Trichromacy



Original Color

23.2729, 0.5130, 0.3347

Protanomaly

22.0518, 0.4166, 0.3641

Deuteranomaly

22.4527, 0.4549, 0.3758

Tritanomaly

23.2075, 0.5056, 0.3275

Monochromacy



Original Color

23.2729, 0.5130, 0.3347

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.4174, 0.3818, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2729, 0.5130, 0.3347 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(224, 87, 82)` looks like.

```
.text, #text, p{  
    color:rgb(224, 87, 82)  
}
```

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(224, 87, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 87, 82) }
```

Border

The CSS property to change the border of an element to Yxy 23.2729, 0.5130, 0.3347 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(224, 87, 82) }
```

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

```
.border{ border-color:rgb(224, 87, 82) }
```

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

Here you see how a box with a 4 pixel rgb(224, 87, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 87, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 87, 82);  
box-shadow:4px 4px 4px 4px rgb(224, 87,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2729, 0.5130, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 87, 82) }
```

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

```
.background{ background-color: rgb(224, 87,  
82) }
```

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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