

Converting Colors

$Yxy(23.6499, 0.5356, 0.3224)$

Have a look what the booklet for
Yxy(23.6499, 0.5356, 0.3224)
contains.

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Color

Yxy(23.5514, 0.5352, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	EE4952
RGB	238, 73, 82
RGB Percent	93%, 29%, 32%
CMY	0.0666, 0.7138, 0.6784
CMYK	0.00, 0.69, 0.66, 0.07
HSL	357°, 83%, 61%
HSV	357°, 69%, 93%
XYZ	39.1694, 23.5514, 10.4657
YIQ	123.3610, 95.4510, 37.7790

Conversions

Conversions Part 2

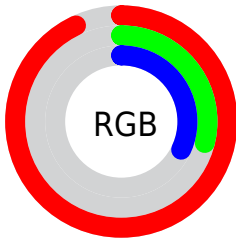
Format	Color
R_{YB}	238, 73, 82
Decimal	15616338
CIE Lab	55.64, 63.31, 31.90
CIE LCh	56, 70.888, 26.740
Yxy	23.5514, 0.5352, 0.3218
Android (android.graphics.Color)	4293806418 (0xFFEE4952)
YUV	123.3610, -20.3910, 100.5384
Hunter-Lab	48.5298, 59.1439, 21.1847

Details

The Yxy color **23.5514, 0.5352, 0.3218** 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 **68.2304, 0.2368, 0.3403**, and the grayscale version is **19.9772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1313, 0.4500, 0.3294**, and **9.2475, 0.6035, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **20.7131, 0.5796, 0.3230**, and if you desaturate by 10%, it is **27.7004, 0.4883, 0.3217**.

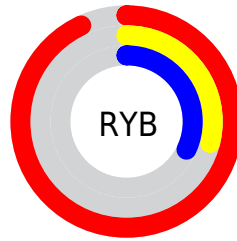
Distribution



Red (93%)

Green (29%)

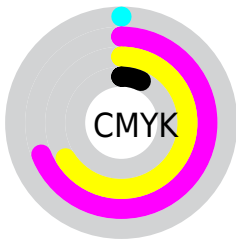
Blue (32%)



Red (93%)

Yellow (29%)

Blue (32%)

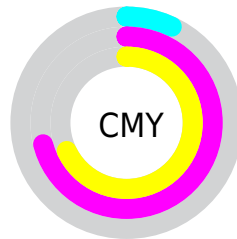


Cyan (0%)

Magenta (69%)

Yellow (66%)

Black (7%)



Cyan (7%)


Magenta (71%)


Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.5514, 0.5352, 0.3218 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 23.5514, 0.5352, 0.3218 by changing the saturation by 10% instead.


 23.5514, 0.5352,
0.3218


 23.5514, 0.5352,
0.3218


270.5446, 0.4127,
0.3345


 15.0012, 0.5679,
0.3147


 49.2972, 0.4887,
0.3291

 8.8202, 0.6100,
0.3029


 67.2615, 0.4717,
0.3310


 4.6241, 0.6649,
0.2826

 89.1326, 0.4576,
0.3323

 2.0284, 0.7490,
0.2510

 115.2950, 0.4457,
0.3331

 0.6239, 0.8239,
0.1761

 146.1330, 0.4356,
0.3337

 0.0000, 1.0000,
0.0000

182.0310, 0.4269,

 0.0000, 0.0000,

0.3341

0.0000

223.3734, 0.4193,
0.3343

■ 23.5514, 0.5352,
0.3218

■ 23.5514, 0.5352,
0.3218

■ 20.7131, 0.5796,
0.3230

■ 27.7004, 0.4883,
0.3217

■ 19.0252, 0.6145,
0.3252

■ 33.2883, 0.4443,
0.3224


■ 18.2472, 0.6349,
0.3276

■ 40.4322, 0.4062,
0.3235


■ 18.2087, 0.6358,
0.3276

■ 49.2363, 0.3745,
0.3249

■ 59.7959, 0.3488,
0.3264

 72.1988, 0.3282,
0.3278

 86.5272, 0.3117,
0.3291

 96.9196, 0.3023,
0.3290

Harmonies

Analogous

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



23.5514, 0.4453, 0.2523



23.5514, 0.5352, 0.3218



23.5514, 0.5405, 0.3984

Triad

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



23.5514, 0.5352, 0.3218



23.5514, 0.2708, 0.5400



23.5514, 0.1485, 0.1626

Complementary

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



23.5514, 0.5352, 0.3218



68.2304, 0.2368, 0.3403

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.



23.5514, 0.1229, 0.1936



23.5514, 0.5352, 0.3218



23.5514, 0.1798, 0.4131

Square

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



23.5514, 0.5352, 0.3218



23.5514, 0.3783, 0.5521



23.5514, 0.1310, 0.2742



23.5514, 0.2112, 0.1654

Rectangle

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



23.5514, 0.5352, 0.3218



23.5514, 0.5034, 0.4541



23.5514, 0.1310, 0.2742



23.5514, 0.1362, 0.1686

Sweetspot

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



23.5528, 0.5352, 0.3218



67.6211, 0.3529, 0.3261



27.2707, 0.3087, 0.1701



13.7179, 0.3597, 0.3257



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.



23.5528, 0.5352, 0.3218



23.2883, 0.5950, 0.3237



38.7591, 0.4815, 0.4012



15.7728, 0.3285, 0.3277



10.1630, 0.6343, 0.3268



0.8504, 0.6195, 0.3186

Inverse Universe

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



23.5528, 0.5352, 0.3218



23.2883, 0.5950, 0.3237



35.0460, 0.2086, 0.2292



15.7728, 0.3285, 0.3277



10.1630, 0.6343, 0.3268



0.8504, 0.6195, 0.3186

Previews

White Background



This preview shows how the Yxy color 23.5514, 0.5352, 0.3218 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 23.5514, 0.5352, 0.3218 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 23.5514, 0.5352, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 23.5514, 0.5352, 0.3218.



This preview shows how white text looks on a background with the Yxy color 23.5514, 0.5352, 0.3218.

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

23.5514, 0.5352, 0.3218

Protanopia

23.5664, 0.3530, 0.3757

Deuteranopia

23.4463, 0.4199, 0.4120



Tritanopia

23.6105, 0.5410, 0.3271

Trichromacy



Original Color

23.5514, 0.5352, 0.3218

Protanomaly

21.5791, 0.4213, 0.3500

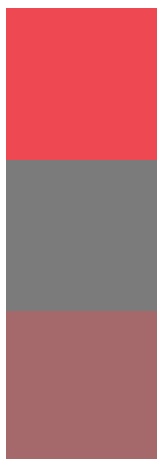
Deuteranomaly

21.9843, 0.4680, 0.3701

Tritanomaly

23.6392, 0.5384, 0.3254

Monochromacy



Original Color

23.5514, 0.5352, 0.3218

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.1852, 0.3937, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5514, 0.5352, 0.3218 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(238, 73, 82)` looks like.

```
.text, #text, p{  
    color:rgb(238, 73, 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(238, 73, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 73, 82) }
```

Border

The CSS property to change the border of an element to Yxy 23.5514, 0.5352, 0.3218 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(238, 73, 82) }
```

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

```
.border{ border-color:rgb(238, 73, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 73, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 73, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 73, 82);  
box-shadow:4px 4px 4px 4px rgb(238, 73,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5514, 0.5352, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 73, 82) }
```

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

```
.background{ background-color: rgb(238, 73,  
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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