

Converting Colors

$Yxy(23.1199, 0.5172, 0.3316)$

Have a look what the booklet for
Yxy(23.1199, 0.5172, 0.3316)
contains.

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Color

Yxy(23.1186, 0.5172, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	E25452
RGB	226, 84, 82
RGB Percent	89%, 33%, 32%
CMY	0.1137, 0.6706, 0.6785
CMYK	0.00, 0.63, 0.64, 0.11
HSL	1°, 71%, 60%
HSV	1°, 64%, 89%
XYZ	36.0583, 23.1186, 10.5414
YIQ	126.2300, 85.2740, 29.4820

Conversions

Conversions Part 2

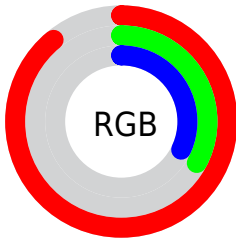
Format	Color
R_{YB}	226, 84, 82
Decimal	14832722
CIE Lab	55.19, 55.09, 30.91
CIE LCh	55, 63.168, 29.300
Yxy	23.1186, 0.5172, 0.3316
Android (android.graphics.Color)	4293022802 (0xFFE25452)
YUV	126.2300, -21.8054, 87.4983
Hunter-Lab	48.0818, 49.7206, 20.6586

Details

The Yxy color **23.1186, 0.5172, 0.3316** 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 **60.5888, 0.2361, 0.3261**, and the grayscale version is **21.0007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3912, 0.4443, 0.3366**, and **8.5999, 0.5878, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **19.9043, 0.5643, 0.3316**, and if you desaturate by 10%, it is **27.5486, 0.4700, 0.3314**.

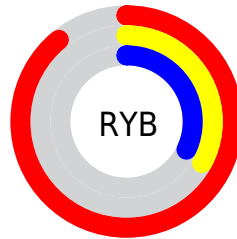
Distribution



Red (89%)

Green (33%)

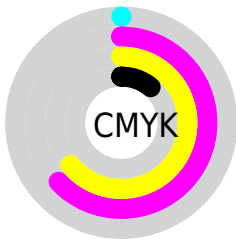
Blue (32%)



Red (89%)

Yellow (33%)

Blue (32%)

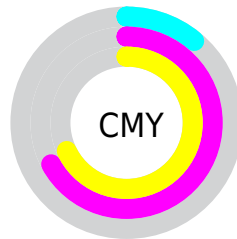


Cyan (0%)

Magenta (63%)

Yellow (64%)

Black (11%)



Cyan (11%)


Magenta (67%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1186, 0.5172, 0.3316 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 23.1186, 0.5172, 0.3316 by changing the saturation by 10% instead.


 23.1186, 0.5172,
0.3316


 23.1186, 0.5172,
0.3316


268.3336, 0.4038,
0.3379


 14.6811, 0.5480,
0.3264


 48.5880, 0.4738,
0.3363


 8.5959, 0.5882,
0.3171


 66.3887, 0.4581,
0.3373


 4.4785, 0.6414,
0.3000

 88.0792, 0.4451,
0.3379

 1.9447, 0.7270,
0.2730

 114.0440, 0.4341,
0.3381

 0.5750, 0.8059,
0.1941

 144.6675, 0.4248,
0.3382

 0.0000, 1.0000,
0.0000

180.3339, 0.4168,

 0.0000, 0.0000,

0.3382

0.0000

221.4278, 0.4099,
0.3381

■ 23.1186, 0.5172,
0.3316

■ 23.1186, 0.5172,
0.3316

■ 19.9043, 0.5643,
0.3316

■ 27.5486, 0.4700,
0.3314

■ 17.7818, 0.6043,
0.3313

■ 33.2947, 0.4275,
0.3310

■ 16.6075, 0.6303,
0.3307

■ 40.4515, 0.3913,
0.3305

■ 16.2384, 0.6393,
0.3306

■ 49.1037, 0.3617,
0.3300

■ 59.3293, 0.3379,
0.3296

71.2009, 0.3188,
0.3291

84.7868, 0.3035,
0.3288

94.9097, 0.2952,
0.3289

Harmonies

Analogous

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



23.1186, 0.4413, 0.2648



23.1186, 0.5172, 0.3316



23.1186, 0.5190, 0.4046

Triad

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



23.1186, 0.5172, 0.3316



23.1186, 0.2695, 0.5086



23.1186, 0.1647, 0.1746

Complementary

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



23.1186, 0.5172, 0.3316



60.5888, 0.2361, 0.3261

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.



23.1186, 0.1376, 0.2020



23.1186, 0.5172, 0.3316



23.1186, 0.1871, 0.3930

Square

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



23.1186, 0.5172, 0.3316



23.1186, 0.3689, 0.5337



23.1186, 0.1434, 0.2731



23.1186, 0.2272, 0.1793

Rectangle

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



23.1186, 0.5172, 0.3316



23.1186, 0.4845, 0.4555



23.1186, 0.1434, 0.2731



23.1186, 0.1520, 0.1798

Sweetspot

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



23.1199, 0.5172, 0.3316



70.4798, 0.3501, 0.3298



27.6933, 0.3195, 0.1839



14.2811, 0.3572, 0.3299



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.



23.1199, 0.5172, 0.3316



25.2565, 0.5765, 0.3316



39.8883, 0.4550, 0.4084



13.7311, 0.3292, 0.3294



9.2778, 0.6390, 0.3308



0.6541, 0.6358, 0.3334

Inverse Universe

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



60.5888, 0.2361, 0.3261



78.0175, 0.2290, 0.3255



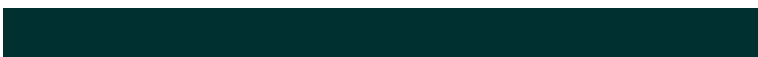
30.3942, 0.2123, 0.2244



15.5376, 0.2982, 0.3286



33.2056, 0.2235, 0.3245



2.3123, 0.2237, 0.3252

Previews

White Background



This preview shows how the Yxy color 23.1186, 0.5172, 0.3316 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 23.1186, 0.5172, 0.3316 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 23.1186, 0.5172, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 23.1186, 0.5172, 0.3316.



This preview shows how white text looks on a background with the Yxy color 23.1186, 0.5172, 0.3316.

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

23.1186, 0.5172, 0.3316

Protanopia

23.1929, 0.3591, 0.3828

Deuteranopia

23.1111, 0.4174, 0.4082



Tritanopia

23.0598, 0.5097, 0.3245

Trichromacy



Original Color

23.1186, 0.5172, 0.3316

Protanomaly

21.9539, 0.4173, 0.3609

Deuteranomaly

22.2332, 0.4559, 0.3745

Tritanomaly

23.0271, 0.5125, 0.3266

Monochromacy



Original Color

23.1186, 0.5172, 0.3316

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.1761, 0.3837, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1186, 0.5172, 0.3316 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(226, 84, 82)` looks like.

```
.text, #text, p{  
    color:rgb(226, 84, 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(226, 84, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 84, 82) }
```

Border

The CSS property to change the border of an element to Yxy 23.1186, 0.5172, 0.3316 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(226, 84, 82) }
```

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

```
.border{ border-color:rgb(226, 84, 82) }
```

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

Here you see how a box with a 4 pixel rgb(226, 84, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 84, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 84, 82);  
box-shadow:4px 4px 4px 4px rgb(226, 84,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1186, 0.5172, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 84, 82) }
```

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

```
.background{ background-color: rgb(226, 84,  
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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