

Converting Colors

$Yxy(23.5490, 0.5213, 0.3249)$

Have a look what the booklet for
Yxy(23.5490, 0.5213, 0.3249)
contains.

Yxy(23.5490, 0.5213, 0.3249)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.5490, 0.5213, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	E85055
RGB	232, 80, 85
RGB Percent	91%, 31%, 33%
CMY	0.0902, 0.6862, 0.6667
CMYK	0.00, 0.66, 0.63, 0.09
HSL	358°, 77%, 61%
HSV	358°, 66%, 91%
XYZ	37.7842, 23.5490, 11.1475
YIQ	126.0180, 88.9870, 33.7790

Conversions

Conversions Part 2

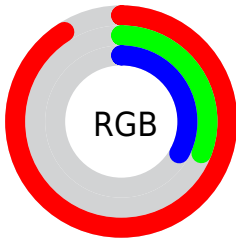
Format	Color
R_{YB}	232, 80, 85
Decimal	15224917
CIE Lab	55.63, 58.88, 29.94
CIE LCh	56, 66.056, 26.956
Yxy	23.5490, 0.5213, 0.3249
Android (android.graphics.Color)	4293414997 (0xFFE85055)
YUV	126.0180, -20.2219, 92.9462
Hunter-Lab	48.5273, 54.0605, 20.3492

Details

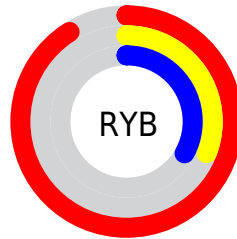
The Yxy color **23.5490, 0.5213, 0.3249** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **64.9598, 0.2375, 0.3352**, and the grayscale version is **20.9208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6176, 0.4427, 0.3304**, and **8.8729, 0.5931, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **20.4167, 0.5677, 0.3255**, and if you desaturate by 10%, it is **27.9693, 0.4743, 0.3250**.

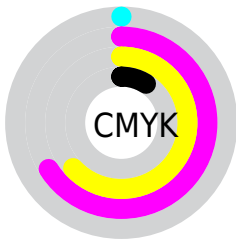
Distribution



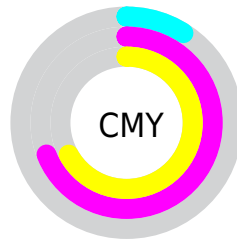
- Red (91%)
- Green (31%)
- Blue (33%)



- Red (91%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (66%)
- Yellow (63%)
- Black (9%)




- Cyan (9%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.5490, 0.5213, 0.3249 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 23.5490, 0.5213, 0.3249 by changing the saturation by 10% instead.


 23.5490, 0.5213,
0.3249


 23.5490, 0.5213,
0.3249

270.5324, 0.4059,
0.3348


 14.9994, 0.5525,
0.3189


 49.2932, 0.4772,
0.3309

 8.8190, 0.5932,
0.3086


 67.2566, 0.4613,
0.3324

 4.6233, 0.6468,
0.2905

 89.1268, 0.4480,
0.3334

 2.0280, 0.7361,
0.2639

 115.2881, 0.4369,
0.3340

 0.6237, 0.8111,
0.1889

 146.1249, 0.4274,
0.3344

 0.0000, 1.0000,
0.0000

182.0216, 0.4193,

 0.0000, 0.0000,

0.3346

0.0000

223.3626, 0.4122,
0.3348

■ 23.5490, 0.5213,
0.3249

■ 23.5490, 0.5213,
0.3249

■ 20.4167, 0.5677,
0.3255

■ 27.9693, 0.4743,
0.3250

■ 18.4306, 0.6065,
0.3266

■ 33.7917, 0.4315,
0.3254

■ 17.4228, 0.6311,
0.3283


■ 41.1226, 0.3951,
0.3261


■ 17.1705, 0.6375,
0.3285

■ 50.0568, 0.3651,
0.3270

■ 60.6815, 0.3410,
0.3278

 73.0775, 0.3216,
0.3286

 87.3205, 0.3062,
0.3293

 95.8938, 0.2987,
0.3290

Harmonies

Analogous

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



23.5490, 0.4375, 0.2575



23.5490, 0.5213, 0.3249



23.5490, 0.5281, 0.3990

Triad

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



23.5490, 0.5213, 0.3249



23.5490, 0.2747, 0.5229



23.5490, 0.1570, 0.1710

Complementary

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



23.5490, 0.5213, 0.3249



64.9598, 0.2375, 0.3352

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.



23.5490, 0.1320, 0.2015



23.5490, 0.5213, 0.3249



23.5490, 0.1878, 0.4064

Square

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



23.5490, 0.5213, 0.3249



23.5490, 0.3771, 0.5388



23.5490, 0.1403, 0.2784



23.5490, 0.2178, 0.1736

Rectangle

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



23.5490, 0.5213, 0.3249



23.5490, 0.4944, 0.4516



23.5490, 0.1403, 0.2784



23.5490, 0.1450, 0.1770

Sweetspot

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



23.5503, 0.5213, 0.3249



68.8859, 0.3514, 0.3274



27.8845, 0.3145, 0.1786



13.9614, 0.3584, 0.3272



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.



23.5503, 0.5213, 0.3249



24.1844, 0.5842, 0.3258



39.8473, 0.4648, 0.4045



14.3756, 0.3287, 0.3283



9.5370, 0.6365, 0.3280



0.7075, 0.6265, 0.3225

Inverse Universe

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



23.5503, 0.5213, 0.3249



24.1844, 0.5842, 0.3258



33.0466, 0.2116, 0.2283



14.3756, 0.3287, 0.3283



9.5370, 0.6365, 0.3280



0.7075, 0.6265, 0.3225

Previews

White Background



This preview shows how the Yxy color 23.5490, 0.5213, 0.3249 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 23.5490, 0.5213, 0.3249 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 23.5490, 0.5213, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 23.5490, 0.5213, 0.3249.



This preview shows how white text looks on a background with the Yxy color 23.5490, 0.5213, 0.3249.

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

23.5490, 0.5213, 0.3249

Protanopia

23.5874, 0.3519, 0.3739

Deuteranopia

23.7607, 0.4148, 0.4079



Tritanopia

23.5490, 0.5213, 0.3249

Trichromacy



Original Color

23.5490, 0.5213, 0.3249

Protanomaly

22.0494, 0.4139, 0.3517

Deuteranomaly

22.6394, 0.4569, 0.3711

Tritanomaly

23.5490, 0.5213, 0.3249

Monochromacy



Original Color

23.5490, 0.5213, 0.3249

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.0843, 0.3873, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5490, 0.5213, 0.3249 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(232, 80, 85)` looks like.

```
.text, #text, p{  
    color:rgb(232, 80, 85)  
}
```

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(232, 80, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 80, 85) }
```

Border

The CSS property to change the border of an element to Yxy 23.5490, 0.5213, 0.3249 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(232, 80, 85) }
```

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

```
.border{ border-color:rgb(232, 80, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 80, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 80, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 80, 85);  
box-shadow:4px 4px 4px 4px rgb(232, 80,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5490, 0.5213, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 80, 85) }
```

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

```
.background{ background-color: rgb(232, 80,  
85) }
```

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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