

Converting Colors

$Yxy(23.0596, 0.5759, 0.3187)$

Have a look what the booklet for
Yxy(23.0596, 0.5759, 0.3187)
contains.

Yxy(23.0104, 0.5763, 0.3189)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.0104, 0.5763, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	FA3243
RGB	250, 50, 67
RGB Percent	98%, 20%, 26%
CMY	0.0195, 0.8040, 0.7372
CMYK	0.00, 0.80, 0.73, 0.02
HSL	355°, 95%, 59%
HSV	355°, 80%, 98%
XYZ	41.5832, 23.0104, 7.5619
YIQ	111.7380, 113.7430, 47.6870

Conversions

Conversions Part 2

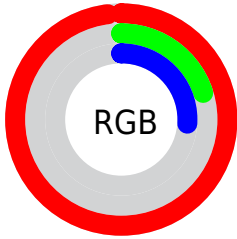
Format	Color
R_{YB}	250, 50, 67
Decimal	16396867
CIE Lab	55.08, 73.18, 40.35
CIE LCh	55, 83.567, 28.870
Yxy	23.0104, 0.5763, 0.3189
Android (android.graphics.Color)	4294586947 (0xFFFA3243)
YUV	111.7380, -22.0558, 121.2558
Hunter-Lab	47.9692, 70.7911, 24.2319

Details

The Yxy color **23.0104, 0.5763, 0.3189** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **74.9418, 0.2346, 0.3501**, and the grayscale version is **16.1606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7593, 0.4784, 0.3295**, and **10.3802, 0.6234, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **21.2043, 0.6114, 0.3222**, and if you desaturate by 10%, it is **26.0926, 0.5323, 0.3172**.

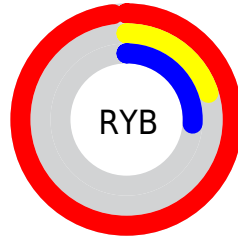
Distribution



Red (98%)

Green (20%)

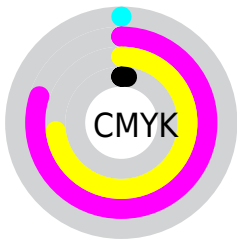
Blue (26%)



Red (98%)

Yellow (20%)

Blue (26%)

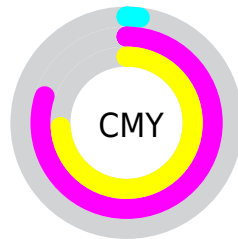


Cyan (0%)

Magenta (80%)

Yellow (73%)

Black (2%)



Cyan (2%)


Magenta (80%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0104, 0.5763, 0.3189 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 23.0104, 0.5763, 0.3189 by changing the saturation by 10% instead.


 23.0104, 0.5763,
0.3189


 23.0104, 0.5763,
0.3189


267.7784, 0.4332,
0.3374


 14.6012, 0.6124,
0.3087


 48.4104, 0.5232,
0.3296

 8.5400, 0.6571,
0.2923


 66.1700, 0.5034,
0.3324


 4.4424, 0.7196,
0.2682


 87.8151, 0.4868,
0.3343

 1.9240, 0.7784,
0.2216

 113.7303, 0.4727,
0.3355

 0.5627, 0.8565,
0.1435

 144.2998, 0.4607,
0.3363

 0.0000, 1.0000,
0.0000

179.9080, 0.4503,

 0.0000, 0.0000,

0.3369

0.0000

220.9394, 0.4412,
0.3372

■ 23.0104, 0.5763,
0.3189

■ 23.0104, 0.5763,
0.3189

■ 21.2043, 0.6114,
0.3222

■ 26.0926, 0.5323,
0.3172


■ 20.3825, 0.6329,
0.3260

■ 30.6245, 0.4862,
0.3171


■ 36.7568, 0.4432,
0.3183

■ 44.6205, 0.4057,
0.3201

■ 54.3329, 0.3746,
0.3224

 66.0011, 0.3493,
0.3247

 79.7241, 0.3290,
0.3269

 95.5940, 0.3127,
0.3290

 99.0673, 0.3096,
0.3290

Harmonies

Analogous

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



23.0104, 0.4787, 0.2443



23.0104, 0.5763, 0.3189



23.0104, 0.5669, 0.4015

Triad

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



23.0104, 0.5763, 0.3189



23.0104, 0.2484, 0.5802



23.0104, 0.1315, 0.1406

Complementary

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



23.0104, 0.5763, 0.3189



74.9418, 0.2346, 0.3501

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.



23.0104, 0.1016, 0.1687



23.0104, 0.5763, 0.3189



23.0104, 0.1517, 0.4147

Square

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



23.0104, 0.5763, 0.3189



23.0104, 0.3674, 0.5905



23.0104, 0.1054, 0.2515



23.0104, 0.2022, 0.1468

Rectangle

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



23.0104, 0.5763, 0.3189



23.0104, 0.5161, 0.4655



23.0104, 0.1054, 0.2515



23.0104, 0.1176, 0.1455

Sweetspot

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



23.0118, 0.5763, 0.3189



63.8787, 0.3588, 0.3237



26.0076, 0.3005, 0.1531



12.7540, 0.3680, 0.3229



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.



23.0118, 0.5763, 0.3189



21.5806, 0.6260, 0.3248



36.5206, 0.5214, 0.3968



17.2492, 0.3281, 0.3270



10.8181, 0.6308, 0.3249



1.0099, 0.6111, 0.3140

Inverse Universe

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



23.0118, 0.5763, 0.3189



21.5806, 0.6260, 0.3248



36.3306, 0.1997, 0.2202



17.2492, 0.3281, 0.3270



10.8181, 0.6308, 0.3249



1.0099, 0.6111, 0.3140

Previews

White Background



This preview shows how the Yxy color 23.0104, 0.5763, 0.3189 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 23.0104, 0.5763, 0.3189 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 23.0104, 0.5763, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 23.0104, 0.5763, 0.3189.



This preview shows how white text looks on a background with the Yxy color 23.0104, 0.5763, 0.3189.

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

23.0104, 0.5763, 0.3189

Protanopia

23.0615, 0.3669, 0.3949

Deuteranopia

23.0901, 0.4395, 0.4325



Tritanopia

23.1272, 0.5896, 0.3298

Trichromacy



Original Color

23.0104, 0.5763, 0.3189

Protanomaly

19.9666, 0.4515, 0.3548

Deuteranomaly

20.6532, 0.5031, 0.3756

Tritanomaly

23.0855, 0.5852, 0.3262

Monochromacy



Original Color

23.0104, 0.5763, 0.3189

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.6707, 0.4179, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0104, 0.5763, 0.3189 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(250, 50, 67)` looks like.

```
.text, #text, p{  
    color:rgb(250, 50, 67)  
}
```

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(250, 50, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 50, 67) }
```

Border

The CSS property to change the border of an element to Yxy 23.0104, 0.5763, 0.3189 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(250, 50, 67) }
```

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

```
.border{ border-color:rgb(250, 50, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 50, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 50, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 50, 67);  
box-shadow:4px 4px 4px 4px rgb(250, 50,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0104, 0.5763, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 50, 67) }
```

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

```
.background{ background-color: rgb(250, 50,  
67) }
```

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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