

Converting Colors

$Y_{xy}(23.1749, 0.5664, 0.3295)$

Have a look what the booklet for
Yxy(23.1749, 0.5664, 0.3295)
contains.

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Color

Yxy(23.1031, 0.5661, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	F34041
RGB	243, 64, 65
RGB Percent	95%, 25%, 25%
CMY	0.0470, 0.7490, 0.7451
CMYK	0.00, 0.74, 0.73, 0.05
HSL	360°, 88%, 60%
HSV	360°, 74%, 95%
XYZ	39.7528, 23.1031, 7.3663
YIQ	117.6350, 106.3630, 38.2590

Conversions

Conversions Part 2

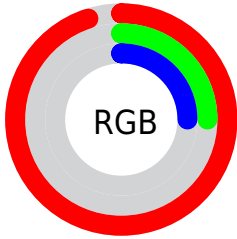
Format	Color
RYB	243, 64, 65
Decimal	15941697
CIELab	55.18, 67.12, 41.23
CIELCh	55, 78.768, 31.560
Yxy	23.1031, 0.5661, 0.3290
Android (android.graphics.Color)	4294131777 (0xFFFF34041)
YUV	117.6350, -25.9491, 109.9451
Hunter-Lab	48.0657, 63.5137, 24.5595

Details

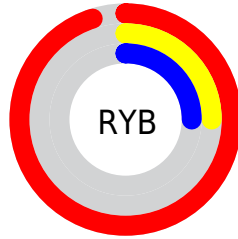
The Yxy color **23.1031, 0.5661, 0.3290** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **71.6080, 0.2313, 0.3300**, and the grayscale version is **18.0541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.8676, 0.4748, 0.3403**, and **9.5191, 0.6251, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **20.7126, 0.6059, 0.3293**, and if you desaturate by 10%, it is **26.8088, 0.5187, 0.3288**.

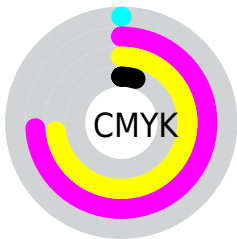
Distribution



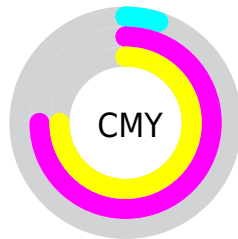
- Red (95%)
- Green (25%)
- Blue (25%)



- Red (95%)
- Yellow (25%)
- Blue (25%)



- Cyan (0%)
- Magenta (74%)
- Yellow (73%)
- Black (5%)





- Cyan (5%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.1031, 0.5661, 0.3290 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 23.1031, 0.5661, 0.3290 by changing the saturation by 10% instead.

 23.1031, 0.5661,
0.3290


 23.1031, 0.5661,
0.3290


268.2541, 0.4284,
0.3418


 14.6697, 0.6010,
0.3202


 48.5626, 0.5149,
0.3375


 8.5879, 0.6442,
0.3055


 66.3574, 0.4958,
0.3395


 4.4734, 0.7064,
0.2839

 88.0414, 0.4799,
0.3407

 1.9417, 0.7621,
0.2379

 113.9991, 0.4664,
0.3414

 0.5733, 0.8406,
0.1594

 144.6148, 0.4548,
0.3418

 0.0000, 1.0000,
0.0000


 180.2730, 0.4448,


 0.0000, 0.0000,


0.3419


0.0000


221.3579, 0.4360,
0.3419


 23.1031, 0.5661,
0.3290


 23.1031, 0.5661,
0.3290


 20.7126, 0.6059,
0.3293


 26.8088, 0.5187,
0.3288


 19.4489, 0.6312,
0.3297


 31.9768, 0.4711,
0.3287


 19.0596, 0.6396,
0.3297


 38.7392, 0.4280,
0.3287

 47.2124, 0.3916,
0.3287

 57.5017, 0.3617,
0.3288

 69.7040, 0.3378,
0.3289

 83.9094, 0.3187,
0.3290

 97.7966, 0.3054,
0.3290

Harmonies

Analogous

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



23.1031, 0.4813, 0.2552



23.1031, 0.5661, 0.3290



23.1031, 0.5521, 0.4109

Triad

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



23.1031, 0.5661, 0.3290



23.1031, 0.2443, 0.5538



23.1031, 0.1430, 0.1473

Complementary

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



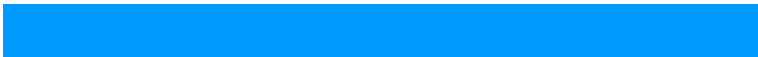
23.1031, 0.5661, 0.3290



71.6080, 0.2313, 0.3300

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.



23.1031, 0.1106, 0.1721



23.1031, 0.5661, 0.3290



23.1031, 0.1539, 0.3941

Square

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



23.1031, 0.5661, 0.3290



23.1031, 0.3589, 0.5822



23.1031, 0.1119, 0.2470



23.1031, 0.2162, 0.1558

Rectangle

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



23.1031, 0.5661, 0.3290



23.1031, 0.5021, 0.4728



23.1031, 0.1119, 0.2470



23.1031, 0.1282, 0.1514

Sweetspot

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



23.1045, 0.5661, 0.3290



66.1945, 0.3575, 0.3288



28.6679, 0.3172, 0.1685



13.4362, 0.3647, 0.3288



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.



23.1045, 0.5661, 0.3290



22.3228, 0.6196, 0.3295



41.4054, 0.4861, 0.4118



16.4840, 0.3293, 0.3289



10.4602, 0.6395, 0.3296



0.9199, 0.6379, 0.3288

Inverse Universe

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



23.1045, 0.5661, 0.3290



22.3228, 0.6196, 0.3295



31.5019, 0.2003, 0.2085



16.4840, 0.3293, 0.3289



10.4602, 0.6395, 0.3296



0.9199, 0.6379, 0.3288

Previews

White Background



This preview shows how the Yxy color 23.1031, 0.5661, 0.3290 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 23.1031, 0.5661, 0.3290 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 23.1031, 0.5661, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 23.1031, 0.5661, 0.3290.



This preview shows how white text looks on a background with the Yxy color 23.1031, 0.5661, 0.3290.

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

23.1031, 0.5661, 0.3290

Protanopia

23.1364, 0.3760, 0.4044

Deuteranopia

23.1874, 0.4415, 0.4330



Tritanopia

23.1148, 0.5649, 0.3283

Trichromacy



Original Color

23.1031, 0.5661, 0.3290

Protanomaly

20.7979, 0.4512, 0.3676

Deuteranomaly

21.3434, 0.4964, 0.3838

Tritanomaly

23.1148, 0.5649, 0.3283

Monochromacy



Original Color

23.1031, 0.5661, 0.3290

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4227, 0.4086, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1031, 0.5661, 0.3290 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(243, 64, 65)` looks like.

```
.text, #text, p{  
    color:rgb(243, 64, 65)  
}
```

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(243, 64, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 64, 65) }
```

Border

The CSS property to change the border of an element to Yxy 23.1031, 0.5661, 0.3290 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(243, 64, 65) }
```

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

```
.border{ border-color:rgb(243, 64, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 64, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 64, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 64, 65);  
box-shadow:4px 4px 4px 4px rgb(243, 64,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1031, 0.5661, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 64, 65) }
```

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

```
.background{ background-color: rgb(243, 64,  
65) }
```

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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