

Converting Colors

$Y_{xy}(23.2322, 0.5594, 0.3297)$

Have a look what the booklet for
Yxy(23.2322, 0.5594, 0.3297)
contains.

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Color

Yxy(23.2524, 0.5585, 0.3297)

Conversions

Conversions Part 1

Format	Color
Hex	F14444
RGB	241, 68, 68
RGB Percent	95%, 27%, 27%
CMY	0.0549, 0.7333, 0.7332
CMYK	0.00, 0.72, 0.72, 0.05
HSL	360°, 86%, 61%
HSV	360°, 72%, 95%
XYZ	39.3887, 23.2524, 7.8848
YIQ	119.7270, 103.1080, 36.6760

Conversions

Conversions Part 2

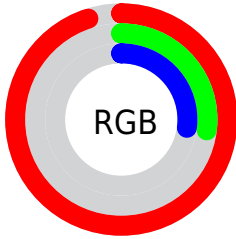
Format	Color
R _Y B	241, 68, 68
Decimal	15811652
CIE Lab	55.33, 65.31, 39.62
CIE LCh	55, 76.392, 31.243
Yxy	23.2524, 0.5585, 0.3297
Android (android.graphics.Color)	4294001732 (0xFFFF14444)
YUV	119.7270, -25.5014, 106.3564
Hunter-Lab	48.2207, 61.4200, 24.0597

Details

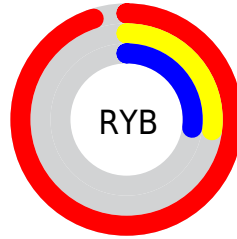
The Yxy color **23.2524, 0.5585, 0.3297** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **70.4935, 0.2319, 0.3288**, and the grayscale version is **18.7498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7231, 0.4683, 0.3394**, and **9.4131, 0.6218, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **20.6771, 0.6002, 0.3298**, and if you desaturate by 10%, it is **27.1484, 0.5105, 0.3296**.

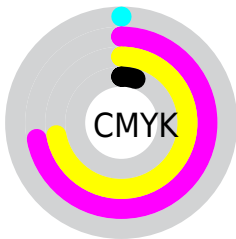
Distribution



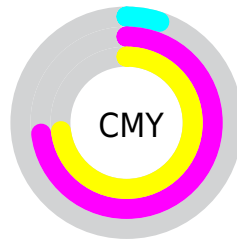
- Red (95%)
- Green (27%)
- Blue (27%)



- Red (95%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (72%)
- Yellow (72%)
- Black (5%)




- Cyan (5%)
- Magenta (73%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2524, 0.5585, 0.3297 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 23.2524, 0.5585, 0.3297 by changing the saturation by 10% instead.


 23.2524, 0.5585,
0.3297


 23.2524, 0.5585,
0.3297


269.0187, 0.4245,
0.3412


 14.7800, 0.5928,
0.3216


 48.8074, 0.5084,
0.3375


 8.6651, 0.6357,
0.3078


 66.6588, 0.4899,
0.3393


 4.5234, 0.6954,
0.2867

 88.4054, 0.4744,
0.3404

 1.9704, 0.7563,
0.2437

 114.4314, 0.4613,
0.3410

 0.5902, 0.8336,
0.1664

 145.1214, 0.4501,
0.3413

 0.0000, 1.0000,
0.0000


180.8597, 0.4404,

 0.0000, 0.0000,

0.3414

0.0000


222.0307, 0.4319,
0.3413


 23.2524, 0.5585,
0.3297


 23.2524, 0.5585,
0.3297


 20.6771, 0.6002,
0.3298


 27.1484, 0.5105,
0.3296

 19.2451, 0.6283,
0.3299

 32.5051, 0.4633,
0.3294


 18.7021, 0.6401,
0.3300


 39.4490, 0.4212,
0.3293

 48.0922, 0.3858,
0.3292

 58.5364, 0.3570,
0.3291

 70.8752, 0.3340,
0.3291

 85.1962, 0.3156,
0.3290

 97.4420, 0.3041,
0.3290

Harmonies

Analogous

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



23.2524, 0.4748, 0.2568



23.2524, 0.5585, 0.3297



23.2524, 0.5474, 0.4104

Triad

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



23.2524, 0.5585, 0.3297



23.2524, 0.2485, 0.5464



23.2524, 0.1463, 0.1514

Complementary

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



23.2524, 0.5585, 0.3297



70.4935, 0.2319, 0.3288

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.



23.2524, 0.1146, 0.1767



23.2524, 0.5585, 0.3297



23.2524, 0.1591, 0.3942

Square

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



23.2524, 0.5585, 0.3297



23.2524, 0.3610, 0.5745



23.2524, 0.1166, 0.2512



23.2524, 0.2179, 0.1594

Rectangle

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



23.2524, 0.5585, 0.3297



23.2524, 0.5000, 0.4706



23.2524, 0.1166, 0.2512



23.2524, 0.1318, 0.1557

Sweetspot

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



23.2538, 0.5585, 0.3297



66.1801, 0.3578, 0.3291



28.6840, 0.3172, 0.1709



13.4329, 0.3650, 0.3291



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.



23.2538, 0.5585, 0.3297



22.6294, 0.6148, 0.3299



41.4525, 0.4808, 0.4110



15.7589, 0.3293, 0.3290



10.1411, 0.6401, 0.3300



0.8437, 0.6400, 0.3299

Inverse Universe

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



23.2538, 0.5585, 0.3297



22.6294, 0.6148, 0.3299



31.8251, 0.2026, 0.2122



15.7589, 0.3293, 0.3290



10.1411, 0.6401, 0.3300



0.8437, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 23.2524, 0.5585, 0.3297 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 23.2524, 0.5585, 0.3297 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 23.2524, 0.5585, 0.3297

Background



This preview shows how black text looks on a background with the Yxy color 23.2524, 0.5585, 0.3297.



This preview shows how white text looks on a background with the Yxy color 23.2524, 0.5585, 0.3297.

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

23.2524, 0.5585, 0.3297

Protanopia

23.4425, 0.3733, 0.4026

Deuteranopia

23.2265, 0.4380, 0.4285



Tritanopia

23.2772, 0.5561, 0.3282

Trichromacy



Original Color

23.2524, 0.5585, 0.3297

Protanomaly

21.1302, 0.4455, 0.3680

Deuteranomaly

21.7884, 0.4898, 0.3823

Tritanomaly

23.2647, 0.5573, 0.3289

Monochromacy



Original Color

23.2524, 0.5585, 0.3297

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1395, 0.4050, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2524, 0.5585, 0.3297 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(241, 68, 68)` looks like.

```
.text, #text, p{  
    color:rgb(241, 68, 68)  
}
```

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(241, 68, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 68, 68) }
```

Border

The CSS property to change the border of an element to Yxy 23.2524, 0.5585, 0.3297 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(241, 68, 68) }
```

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

```
.border{ border-color:rgb(241, 68, 68) }
```

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

Here you see how a box with a 4 pixel rgb(241, 68, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 68, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 68, 68);  
box-shadow:4px 4px 4px 4px rgb(241, 68,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2524, 0.5585, 0.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 68, 68) }
```

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

```
.background{ background-color: rgb(241, 68,  
68) }
```

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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