

Converting Colors

$Yxy(20.5627, 0.5367, 0.3260)$

Have a look what the booklet for
Yxy(20.5627, 0.5367, 0.3260)
contains.

Yxy(20.5627, 0.5367, 0.3260)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.5627, 0.5367, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	DF464A
RGB	223, 70, 74
RGB Percent	87%, 27%, 29%
CMY	0.1256, 0.7253, 0.7099
CMYK	0.00, 0.69, 0.67, 0.13
HSL	358°, 70%, 57%
HSV	358°, 69%, 87%
XYZ	33.8528, 20.5627, 8.6603
YIQ	116.2030, 89.9040, 33.6800

Conversions

Conversions Part 2

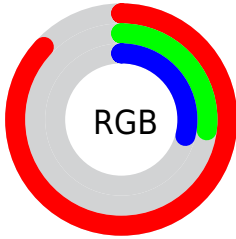
Format	Color
RYB	223, 70, 74
Decimal	14632522
CIELab	52.47, 59.30, 32.04
CIElCh	52, 67.404, 28.378
Yxy	20.5627, 0.5367, 0.3260
Android (android.graphics.Color)	4292822602 (0xFFDF464A)
YUV	116.2030, -20.8061, 93.6610
Hunter-Lab	45.3461, 53.9020, 20.4189

Details

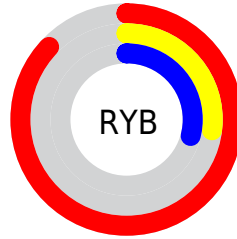
The Yxy color **20.5627, 0.5367, 0.3260** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **59.1844, 0.2354, 0.3341**, and the grayscale version is **17.5790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8688, 0.4615, 0.3335**, and **7.6708, 0.6089, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **18.0277, 0.5816, 0.3266**, and if you desaturate by 10%, it is **24.2363, 0.4892, 0.3259**.

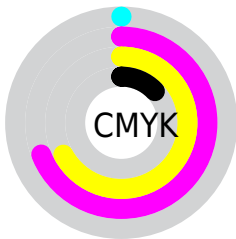
Distribution



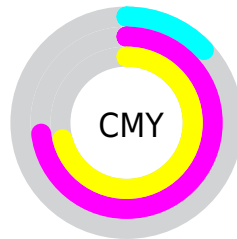
- Red (87%)
- Green (27%)
- Blue (29%)



- Red (87%)
- Yellow (27%)
- Blue (29%)



- Cyan (0%)
- Magenta (69%)
- Yellow (67%)
- Black (13%)





- Cyan (13%)
- Magenta (73%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.5627, 0.5367, 0.3260 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 20.5627, 0.5367, 0.3260 by changing the saturation by 10% instead.


 20.5627, 0.5367,
0.3260


 20.5627, 0.5367,
0.3260


254.9453, 0.4109,
0.3368


 12.8047, 0.5711,
0.3187


 44.3586, 0.4883,
0.3330


 7.2942, 0.6157,
0.3061


 61.1653, 0.4708,
0.3346

 3.6468, 0.6782,
0.2851

 81.7571, 0.4564,
0.3356

 1.4780, 0.7562,
0.2438

 106.5183, 0.4443,
0.3362

 0.2732, 0.8818,
0.1182

 135.8333, 0.4341,
0.3366

 0.0000, 1.0000,
0.0000

170.0865, 0.4253,

 0.0000, 0.0000,

0.3367

0.0000

209.6624, 0.4176,
0.3368

■ 20.5627, 0.5367,
0.3260

■ 20.5627, 0.5367,
0.3260

■ 18.0277, 0.5816,
0.3266

■ 24.2363, 0.4892,
0.3259

■ 16.4956, 0.6164,
0.3277

■ 29.1571, 0.4446,
0.3261


■ 15.7724, 0.6360,
0.3288

■ 35.4249, 0.4060,
0.3266


■ 15.6974, 0.6379,
0.3288


■ 43.1285, 0.3739,
0.3272

■ 52.3492, 0.3480,
0.3279

 63.1621, 0.3272,
0.3285

 75.6375, 0.3106,
0.3291

 89.8412, 0.2973,
0.3296

 94.4248, 0.2934,
0.3289

Harmonies

Analogous

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



20.5627, 0.4512, 0.2562



20.5627, 0.5367, 0.3260



20.5627, 0.5376, 0.4029

Triad

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



20.5627, 0.5367, 0.3260



20.5627, 0.2655, 0.5344



20.5627, 0.1515, 0.1625

Complementary

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



20.5627, 0.5367, 0.3260



59.1844, 0.2354, 0.3341

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.



20.5627, 0.1241, 0.1915



20.5627, 0.5367, 0.3260



20.5627, 0.1766, 0.4043

Square

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



20.5627, 0.5367, 0.3260



20.5627, 0.3725, 0.5533



20.5627, 0.1303, 0.2686



20.5627, 0.2163, 0.1670

Rectangle

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



20.5627, 0.5367, 0.3260



20.5627, 0.4988, 0.4585



20.5627, 0.1303, 0.2686



20.5627, 0.1386, 0.1680

Sweetspot

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



20.5639, 0.5367, 0.3260



67.5472, 0.3541, 0.3277



24.5988, 0.3144, 0.1742



13.7008, 0.3612, 0.3275



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.



20.5639, 0.5367, 0.3260



23.4478, 0.5972, 0.3270



35.2984, 0.4734, 0.4064



13.7062, 0.3288, 0.3284



9.2342, 0.6372, 0.3284



0.6421, 0.6288, 0.3238

Inverse Universe

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



20.5639, 0.5367, 0.3260



23.4478, 0.5972, 0.3270



28.9590, 0.2079, 0.2229



13.7062, 0.3288, 0.3284



9.2342, 0.6372, 0.3284



0.6421, 0.6288, 0.3238

Previews

White Background



This preview shows how the Yxy color 20.5627, 0.5367, 0.3260 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 20.5627, 0.5367, 0.3260 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 20.5627, 0.5367, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 20.5627, 0.5367, 0.3260.



This preview shows how white text looks on a background with the Yxy color 20.5627, 0.5367, 0.3260.

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

20.5627, 0.5367, 0.3260

Protanopia

20.8163, 0.3585, 0.3855

Deuteranopia

20.6963, 0.4225, 0.4159



Tritanopia

20.5627, 0.5367, 0.3260

Trichromacy



Original Color

20.5627, 0.5367, 0.3260

Protanomaly

19.1032, 0.4247, 0.3590

Deuteranomaly

19.5161, 0.4692, 0.3750

Tritanomaly

20.5627, 0.5367, 0.3260

Monochromacy



Original Color

20.5627, 0.5367, 0.3260

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.8318, 0.3936, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.5627, 0.5367, 0.3260 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(223, 70, 74)` looks like.

```
.text, #text, p{  
    color:rgb(223, 70, 74)  
}
```

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(223, 70, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 70, 74) }
```

Border

The CSS property to change the border of an element to Yxy 20.5627, 0.5367, 0.3260 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(223, 70, 74) }
```

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

```
.border{ border-color:rgb(223, 70, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 70, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 70, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 70, 74);  
box-shadow:4px 4px 4px 4px rgb(223, 70,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 20.5627, 0.5367, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 70, 74) }
```

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

```
.background{ background-color: rgb(223, 70,  
74) }
```

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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