

Converting Colors

$Yxy(22.6445, 0.5015, 0.3207)$

Have a look what the booklet for
Yxy(22.6445, 0.5015, 0.3207)
contains.

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Color

Yxy(22.6472, 0.5013, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	DF535C
RGB	223, 83, 92
RGB Percent	87%, 33%, 36%
CMY	0.1255, 0.6745, 0.6393
CMYK	0.00, 0.63, 0.59, 0.13
HSL	356°, 69%, 60%
HSV	356°, 63%, 87%
XYZ	35.4561, 22.6472, 12.6250
YIQ	125.8860, 80.5510, 32.4790

Conversions

Conversions Part 2

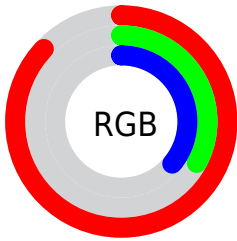
Format	Color
R_{YB}	223, 83, 92
Decimal	14635868
CIE _{Lab}	54.71, 55.16, 24.38
CIE _{LCh}	55, 60.309, 23.847
Yxy	22.6472, 0.5013, 0.3202
Android (android.graphics.Color)	4292825948 (0xFFDF535C)
YUV	125.8860, -16.7058, 85.1690
Hunter-Lab	47.5891, 49.7100, 17.5832

Details

The Yxy color **22.6472, 0.5013, 0.3202** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **59.4708, 0.2413, 0.3409**, and the grayscale version is **20.8617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3900, 0.4338, 0.3252**, and **8.3790, 0.5709, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **19.4510, 0.5477, 0.3206**, and if you desaturate by 10%, it is **27.0434, 0.4565, 0.3208**.

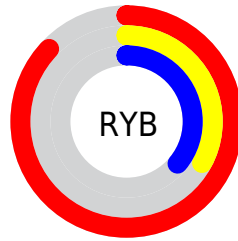
Distribution



Red (87%)

Green (33%)

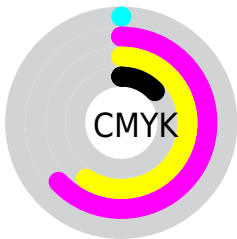
Blue (36%)



Red (87%)

Yellow (33%)

Blue (36%)

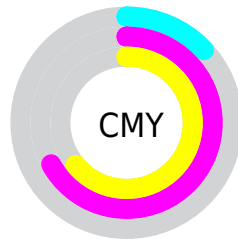


Cyan (0%)

Magenta (63%)

Yellow (59%)

Black (13%)



Cyan (13%)


Magenta (67%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6472, 0.5013, 0.3202 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 22.6472, 0.5013, 0.3202 by changing the saturation by 10% instead.


 22.6472, 0.5013,
0.3202


 22.6472, 0.5013,
0.3202


265.9077, 0.3958,
0.3309

 14.3332, 0.5308,
0.3146


 47.8134, 0.4604,
0.3261

 8.3528, 0.5700,
0.3053


 65.4344, 0.4458,
0.3276


 4.3215, 0.6236,
0.2889

 86.9265, 0.4338,
0.3287

 1.8550, 0.7228,
0.2674

 112.6741, 0.4237,
0.3295

 0.5211, 0.8146,
0.1854

 143.0617, 0.4151,
0.3300

 0.0000, 1.0000,
0.0000

178.4735, 0.4078,

 0.0000, 0.0000,

0.3304

0.0000

219.2941, 0.4014,
0.3307

■ 22.6472, 0.5013,
0.3202

■ 22.6472, 0.5013,
0.3202

■ 19.4510, 0.5477,
0.3206

■ 27.0434, 0.4565,
0.3208

■ 17.3330, 0.5899,
0.3223

■ 32.7383, 0.4169,
0.3220

■ 16.1524, 0.6209,
0.3252

■ 39.8249, 0.3836,
0.3236

■ 15.7205, 0.6345,
0.3269

■ 48.3864, 0.3564,
0.3253

■ 58.4997, 0.3345,
0.3270

70.2361, 0.3169,
0.3286

83.6627, 0.3029,
0.3300

94.4279, 0.2935,
0.3289

Harmonies

Analogous

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



22.6472, 0.4177, 0.2564



22.6472, 0.5013, 0.3202



22.6472, 0.5172, 0.3907

Triad

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



22.6472, 0.5013, 0.3202



22.6472, 0.2891, 0.5127



22.6472, 0.1619, 0.1816

Complementary

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



22.6472, 0.5013, 0.3202



59.4708, 0.2413, 0.3409

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.



22.6472, 0.1412, 0.2156



22.6472, 0.5013, 0.3202



22.6472, 0.2038, 0.4137

Square

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



22.6472, 0.5013, 0.3202



22.6472, 0.3857, 0.5212



22.6472, 0.1534, 0.2938



22.6472, 0.2164, 0.1807

Rectangle

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



22.6472, 0.5013, 0.3202



22.6472, 0.4910, 0.4398



22.6472, 0.1534, 0.2938



22.6472, 0.1514, 0.1888

Sweetspot

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



22.6485, 0.5013, 0.3202



70.3040, 0.3479, 0.3259



25.7618, 0.3096, 0.1811



14.2398, 0.3546, 0.3254



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.



22.6485, 0.5013, 0.3202



25.4207, 0.5602, 0.3210



36.1600, 0.4605, 0.3972



13.7147, 0.3282, 0.3275



9.2491, 0.6329, 0.3260



0.6462, 0.6130, 0.3150

Inverse Universe

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



22.6485, 0.5013, 0.3202



25.4207, 0.5602, 0.3210



33.1269, 0.2170, 0.2407



13.7147, 0.3282, 0.3275



9.2491, 0.6329, 0.3260



0.6462, 0.6130, 0.3150

Previews

White Background



This preview shows how the Yxy color 22.6472, 0.5013, 0.3202 looks on a white background.

Color Contrast Check

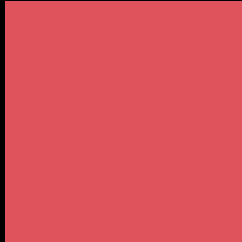
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6472, 0.5013, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

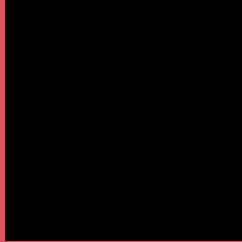
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.6472, 0.5013, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 22.6472, 0.5013, 0.3202.



This preview shows how white text looks on a background with the Yxy color 22.6472, 0.5013, 0.3202.

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

22.6472, 0.5013, 0.3202

Protanopia

22.8281, 0.3409, 0.3606

Deuteranopia

22.8467, 0.4012, 0.3951



Tritanopia

22.7499, 0.5048, 0.3244

Trichromacy



Original Color

22.6472, 0.5013, 0.3202

Protanomaly

21.4896, 0.3981, 0.3432

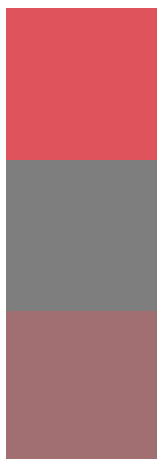
Deuteranomaly

21.8015, 0.4404, 0.3605

Tritanomaly

22.7668, 0.5034, 0.3233

Monochromacy



Original Color

22.6472, 0.5013, 0.3202

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

19.9438, 0.3772, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6472, 0.5013, 0.3202 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, 83, 92)` looks like.

```
.text, #text, p{  
  color:rgb(223, 83, 92)  
}
```

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, 83, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 83, 92) }
```

Border

The CSS property to change the border of an element to Yxy 22.6472, 0.5013, 0.3202 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, 83, 92) }
```

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

```
.border{ border-color:rgb(223, 83, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 83, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 83, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 83, 92);  
box-shadow:4px 4px 4px 4px rgb(223, 83,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6472, 0.5013, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 83, 92) }
```

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

```
.background{ background-color: rgb(223, 83,  
92) }
```

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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