

Converting Colors

$Yxy(22.6248, 0.5714, 0.3233)$

Have a look what the booklet for
Yxy(22.6248, 0.5714, 0.3233)
contains.

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Color

Yxy(22.6342, 0.5714, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	F53842
RGB	245, 56, 66
RGB Percent	96%, 22%, 26%
CMY	0.0392, 0.7803, 0.7412
CMYK	0.00, 0.77, 0.73, 0.04
HSL	357°, 90%, 59%
HSV	357°, 77%, 96%
XYZ	40.0532, 22.6342, 7.4092
YIQ	113.6510, 109.4340, 43.1780

Conversions

Conversions Part 2

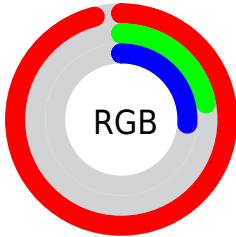
Format	Color
R_{YB}	245, 56, 66
Decimal	16070722
CIE _{Lab}	54.69, 70.15, 40.23
CIE _{LCh}	55, 80.866, 29.837
Yxy	22.6342, 0.5714, 0.3229
Android (android.graphics.Color)	4294260802 (0xFFFF53842)
YUV	113.6510, -23.4919, 115.1931
Hunter-Lab	47.5754, 67.0202, 24.0692

Details

The Yxy color **22.6342, 0.5714, 0.3229** 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 **72.1456, 0.2332, 0.3413**, and the grayscale version is **16.7667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6686, 0.4769, 0.3344**, and **9.7612, 0.6245, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **20.5923, 0.6088, 0.3249**, and if you desaturate by 10%, it is **25.9503, 0.5258, 0.3220**.

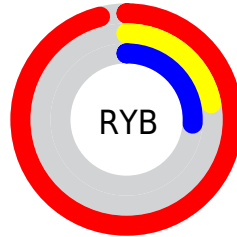
Distribution



Red (96%)

Green (22%)

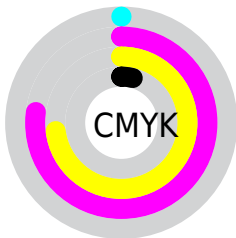
Blue (26%)



Red (96%)

Yellow (22%)

Blue (26%)

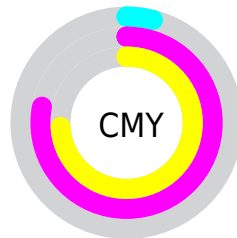


Cyan (0%)

Magenta (77%)

Yellow (73%)

Black (4%)



Cyan (4%)


Magenta (78%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6342, 0.5714, 0.3229 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 22.6342, 0.5714, 0.3229 by changing the saturation by 10% instead.


 22.6342, 0.5714,
0.3229


 22.6342, 0.5714,
0.3229


265.8406, 0.4304,
0.3390

 14.3236, 0.6072,
0.3133


 47.7920, 0.5189,
0.3327

 8.3461, 0.6517,
0.2974

 65.4080, 0.4993,
0.3352

 4.3172, 0.7153,
0.2743

 86.8946, 0.4830,
0.3368

 1.8525, 0.7730,
0.2270

 112.6362, 0.4692,
0.3378

 0.5196, 0.8555,
0.1445

 143.0172, 0.4574,
0.3384

 0.0000, 1.0000,
0.0000

 178.4220, 0.4471,

 0.0000, 0.0000,


0.3388


0.0000


219.2350, 0.4382,
0.3390

 22.6342, 0.5714,
0.3229


 22.6342, 0.5714,
0.3229


 20.5923, 0.6088,
0.3249

 25.9503, 0.5258,
0.3220


 19.6136, 0.6320,
0.3274


 30.6979, 0.4790,
0.3221


 19.4411, 0.6361,
0.3278


 37.0161, 0.4360,
0.3228


 45.0263, 0.3991,
0.3240

 54.8380, 0.3686,
0.3254

 66.5516, 0.3440,
0.3268

 80.2601, 0.3243,
0.3281

 96.0502, 0.3086,
0.3293

 98.1523, 0.3066,
0.3290

Harmonies

Analogous

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



22.6342, 0.4790, 0.2487



22.6342, 0.5714, 0.3229



22.6342, 0.5606, 0.4052

Triad

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



22.6342, 0.5714, 0.3229



22.6342, 0.2474, 0.5690



22.6342, 0.1362, 0.1437

Complementary

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



22.6342, 0.5714, 0.3229



72.1456, 0.2332, 0.3413

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.



22.6342, 0.1056, 0.1706



22.6342, 0.5714, 0.3229



22.6342, 0.1532, 0.4066

Square

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



22.6342, 0.5714, 0.3229



22.6342, 0.3646, 0.5866



22.6342, 0.1085, 0.2503



22.6342, 0.2078, 0.1507

Rectangle

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



22.6342, 0.5714, 0.3229



22.6342, 0.5105, 0.4682



22.6342, 0.1085, 0.2503



22.6342, 0.1221, 0.1483

Sweetspot

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



22.6356, 0.5714, 0.3229



65.0420, 0.3579, 0.3259



26.6455, 0.3076, 0.1598



12.9727, 0.3673, 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.



22.6356, 0.5714, 0.3229



21.7833, 0.6247, 0.3264



37.8492, 0.5056, 0.4033



16.4967, 0.3285, 0.3278



10.4794, 0.6346, 0.3270



0.9259, 0.6210, 0.3195

Inverse Universe

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



22.6356, 0.5714, 0.3229



21.7833, 0.6247, 0.3264



33.6664, 0.2000, 0.2156



16.4967, 0.3285, 0.3278



10.4794, 0.6346, 0.3270



0.9259, 0.6210, 0.3195

Previews

White Background



This preview shows how the Yxy color 22.6342, 0.5714, 0.3229 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 22.6342, 0.5714, 0.3229 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 22.6342, 0.5714, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 22.6342, 0.5714, 0.3229.



This preview shows how white text looks on a background with the Yxy color 22.6342, 0.5714, 0.3229.

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

22.6342, 0.5714, 0.3229

Protanopia

22.7387, 0.3708, 0.3984

Deuteranopia

22.7201, 0.4402, 0.4329



Tritanopia

22.6545, 0.5786, 0.3285

Trichromacy



Original Color

22.6342, 0.5714, 0.3229

Protanomaly

20.0935, 0.4500, 0.3608

Deuteranomaly

20.7573, 0.4999, 0.3799

Tritanomaly

22.6865, 0.5753, 0.3264

Monochromacy



Original Color

22.6342, 0.5714, 0.3229

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3732, 0.4136, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6342, 0.5714, 0.3229 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(245, 56, 66)` looks like.

```
.text, #text, p{  
    color:rgb(245, 56, 66)  
}
```

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(245, 56, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 56, 66) }
```

Border

The CSS property to change the border of an element to Yxy 22.6342, 0.5714, 0.3229 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(245, 56, 66) }
```

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

```
.border{ border-color:rgb(245, 56, 66) }
```

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

Here you see how a box with a 4 pixel rgb(245, 56, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 56, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 56, 66);  
box-shadow:4px 4px 4px 4px rgb(245, 56,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6342, 0.5714, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 56, 66) }
```

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

```
.background{ background-color: rgb(245, 56,  
66) }
```

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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