

Converting Colors

$Yxy(22.1978, 0.6014, 0.3297)$

Have a look what the booklet for
Yxy(22.1978, 0.6014, 0.3297)
contains.

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Color

Yxy(22.2060, 0.6013, 0.3299)

Conversions

Conversions Part 1

Format	Color
Hex	F92D2D
RGB	249, 45, 45
RGB Percent	98%, 18%, 18%
CMY	0.0236, 0.8233, 0.8237
CMYK	0.00, 0.82, 0.82, 0.02
HSL	0°, 94%, 58%
HSV	0°, 82%, 98%
XYZ	40.4743, 22.2060, 4.6310
YIQ	105.9960, 121.5840, 43.2480

Conversions

Conversions Part 2

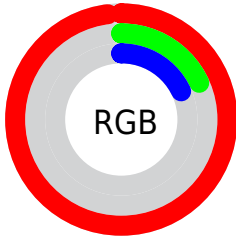
Format	Color
RYB	249, 45, 45
Decimal	16330029
CIELab	54.24, 73.39, 51.30
CIElCh	54, 89.541, 34.953
Yxy	22.2060, 0.6013, 0.3299
Android (android.graphics.Color)	4294520109 (0xFFF92D2D)
YUV	105.9960, -30.0710, 125.4145
Hunter-Lab	47.1232, 70.8485, 27.1596

Details

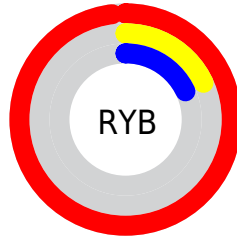
The Yxy color **22.2060, 0.6013, 0.3299** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **75.0716, 0.2277, 0.3286**, and the grayscale version is **14.4782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6387, 0.5057, 0.3471**, and **10.0673, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **20.6941, 0.6289, 0.3300**, and if you desaturate by 10%, it is **24.9508, 0.5598, 0.3298**.

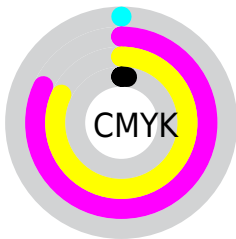
Distribution



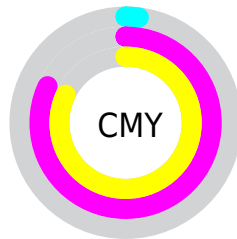
- Red (98%)
- Green (18%)
- Blue (18%)



- Red (98%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (82%)
- Yellow (82%)
- Black (2%)





- Cyan (2%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.2060, 0.6013, 0.3299 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 22.2060, 0.6013, 0.3299 by changing the saturation by 10% instead.


 22.2060, 0.6013,
0.3299


 22.2060, 0.6013,
0.3299


263.6202, 0.4476,
0.3479


 14.0083, 0.6373,
0.3178


 47.0862, 0.5459,
0.3420


 8.1265, 0.6814,
0.2987


 64.5376, 0.5247,
0.3448

 4.1760, 0.7326,
0.2674


 85.8423, 0.5067,
0.3465

 1.7725, 0.7840,
0.2160

 111.3848, 0.4913,
0.3474

 0.4699, 0.8703,
0.1297

 141.5494, 0.4781,
0.3479

 0.0000, 1.0000,
0.0000

 176.7206, 0.4666,

 0.0000, 0.0000,

0.3481

0.0000

217.2827, 0.4565,
0.3480

■ 22.2060, 0.6013,
0.3299

■ 22.2060, 0.6013,
0.3299

■ 20.6941, 0.6289,
0.3300

■ 24.9508, 0.5598,
0.3298


■ 20.1396, 0.6400,
0.3300


■ 29.1128, 0.5117,
0.3297


■ 34.8496, 0.4644,
0.3295

■ 42.2970, 0.4221,
0.3294

■ 51.5764, 0.3865,
0.3293

 62.7978, 0.3575,
0.3292

 76.0629, 0.3343,
0.3291

 91.4660, 0.3158,
0.3290

 98.8768, 0.3090,
0.3290

Harmonies

Analogous

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



22.2060, 0.5214, 0.2528



22.2060, 0.6013, 0.3299



22.2060, 0.5658, 0.4179

Triad

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



22.2060, 0.6013, 0.3299



22.2060, 0.2161, 0.5794



22.2060, 0.1327, 0.1294

Complementary

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



22.2060, 0.6013, 0.3299



75.0716, 0.2277, 0.3286

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.



22.2060, 0.0949, 0.1491



22.2060, 0.6013, 0.3299



22.2060, 0.1261, 0.3781

Square

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



22.2060, 0.6013, 0.3299



22.2060, 0.3380, 0.6207



22.2060, 0.0907, 0.2196



22.2060, 0.2162, 0.1422

Rectangle

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



22.2060, 0.6013, 0.3299



22.2060, 0.5032, 0.4901



22.2060, 0.0907, 0.2196



22.2060, 0.1159, 0.1319

Sweetspot

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



22.2074, 0.6013, 0.3299



62.4178, 0.3658, 0.3292



28.8488, 0.3206, 0.1620



12.4657, 0.3760, 0.3292



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.



22.2074, 0.6013, 0.3299



21.3847, 0.6377, 0.3300



41.1840, 0.5050, 0.4162



17.2267, 0.3294, 0.3291



10.7826, 0.6400, 0.3300



0.9991, 0.6399, 0.3301

Inverse Universe

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



75.0716, 0.2277, 0.3286



78.6903, 0.2248, 0.3286



28.2535, 0.1902, 0.1878



19.6070, 0.2980, 0.3289



39.8854, 0.2246, 0.3286



3.6946, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 22.2060, 0.6013, 0.3299 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 22.2060, 0.6013, 0.3299 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 22.2060, 0.6013, 0.3299

Background



This preview shows how black text looks on a background with the Yxy color 22.2060, 0.6013, 0.3299.



This preview shows how white text looks on a background with the Yxy color 22.2060, 0.6013, 0.3299.

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

22.2060, 0.6013, 0.3299

Protanopia

22.2998, 0.3993, 0.4344

Deuteranopia

22.1244, 0.4639, 0.4550



Tritanopia

22.1984, 0.6021, 0.3304

Trichromacy



Original Color

22.2060, 0.6013, 0.3299

Protanomaly

19.1845, 0.4882, 0.3816

Deuteranomaly

19.8908, 0.5314, 0.3936

Tritanomaly

22.1984, 0.6021, 0.3304

Monochromacy



Original Color

22.2060, 0.6013, 0.3299

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.2498, 0.4362, 0.3294

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2060, 0.6013, 0.3299 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(249, 45, 45)` looks like.

```
.text, #text, p{  
    color:rgb(249, 45, 45)  
}
```

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(249, 45, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 45, 45) }
```

Border

The CSS property to change the border of an element to Yxy 22.2060, 0.6013, 0.3299 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(249, 45, 45) }
```

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

```
.border{ border-color:rgb(249, 45, 45) }
```

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

Here you see how a box with a 4 pixel rgb(249, 45, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 45, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 45, 45);  
box-shadow:4px 4px 4px 4px rgb(249, 45,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2060, 0.6013, 0.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 45, 45) }
```

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

```
.background{ background-color: rgb(249, 45,  
45) }
```

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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