

Converting Colors

$Yxy(22.0707, 0.6226, 0.3285)$

Have a look what the booklet for
Yxy(22.0707, 0.6226, 0.3285)
contains.

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Color

Yxy(22.0925, 0.6225, 0.3286)

Conversions

Conversions Part 1

Format	Color
Hex	FF1A1E
RGB	255, 26, 30
RGB Percent	100%, 10%, 12%
CMY	0.0000, 0.8984, 0.8823
CMYK	0.00, 0.90, 0.88, 0.00
HSL	359°, 100%, 55%
HSV	359°, 90%, 100%
XYZ	41.8520, 22.0925, 3.2877
YIQ	94.9270, 135.2000, 49.7920

Conversions

Conversions Part 2

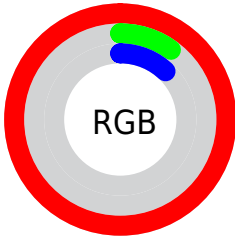
Format	Color
RYB	255, 26, 30
Decimal	16718366
CIELab	54.13, 78.13, 58.63
CIElCh	54, 97.678, 36.885
Yxy	22.0925, 0.6225, 0.3286
Android (android.graphics.Color)	4294908446 (0xFFFF1A1E)
YUV	94.9270, -32.0090, 140.3840
Hunter-Lab	47.0027, 76.6851, 28.7548

Details

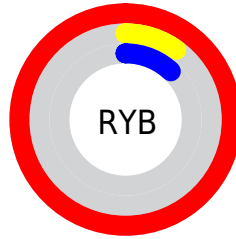
The Yxy color **22.0925, 0.6225, 0.3286** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **78.6965, 0.2272, 0.3337**, and the grayscale version is **11.4651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.5250, 0.5278, 0.3503**, and **10.6914, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **21.2797, 0.6386, 0.3293**, and if you desaturate by 10%, it is **23.9396, 0.5905, 0.3278**.

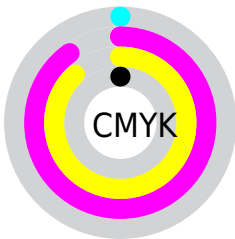
Distribution



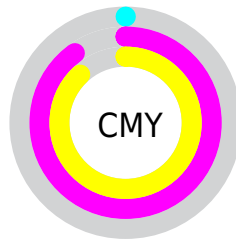
- Red (100%)
- Green (10%)
- Blue (12%)



- Red (100%)
- Yellow (10%)
- Blue (12%)



- Cyan (0%)
- Magenta (90%)
- Yellow (88%)
- Black (0%)




- Cyan (0%)
- Magenta (90%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0925, 0.6225, 0.3286 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 22.0925, 0.6225, 0.3286 by changing the saturation by 10% instead.


 22.0925, 0.6225,
0.3286


 22.0925, 0.6225,
0.3286


263.0290, 0.4612,
0.3517


 13.9249, 0.6579,
0.3140


 46.8988, 0.5660,
0.3437


 8.0684, 0.7054,
0.2940

 64.3063, 0.5438,
0.3473


 4.1388, 0.7441,
0.2559

 85.5626, 0.5248,
0.3495

 1.7515, 0.7961,
0.2039

 111.0520, 0.5084,
0.3509

 0.4567, 0.8818,
0.1182

 141.1589, 0.4941,
0.3516

 0.0000, 1.0000,
0.0000


 176.2678, 0.4817,

 0.0000, 0.0000,

0.3519

0.0000


 216.7630, 0.4708,
0.3519


 22.0925, 0.6225,
0.3286


 22.0925, 0.6225,
0.3286

 21.2797, 0.6386,
0.3293

 23.9396, 0.5905,
0.3278

 21.2700, 0.6388,
0.3293

 27.1351, 0.5467,
0.3272

 31.8654, 0.4986,
0.3270

 38.2902, 0.4527,
0.3271

 46.5495, 0.4124,
0.3274

■ 56.7684, 0.3788,
0.3278

■ 69.0614, 0.3516,
0.3282

■ 83.5339, 0.3298,
0.3286

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



22.0925, 0.5486, 0.2505



22.0925, 0.6225, 0.3286



22.0925, 0.5736, 0.4217

Triad

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



22.0925, 0.6225, 0.3286



22.0925, 0.1968, 0.5964



22.0925, 0.1263, 0.1185

Complementary

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



22.0925, 0.6225, 0.3286



78.6965, 0.2272, 0.3337

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.



22.0925, 0.0855, 0.1352



22.0925, 0.6225, 0.3286



22.0925, 0.1089, 0.3657

Square

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



22.0925, 0.6225, 0.3286



22.0925, 0.3220, 0.6468



22.0925, 0.0783, 0.2019



22.0925, 0.2164, 0.1338

Rectangle

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



22.0925, 0.6225, 0.3286



22.0925, 0.5004, 0.4996



22.0925, 0.0783, 0.2019



22.0925, 0.1083, 0.1202

Sweetspot

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



22.0884, 0.6225, 0.3286



60.0454, 0.3705, 0.3279



27.7949, 0.3132, 0.1530



12.0136, 0.3805, 0.3277



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.



22.0884, 0.6225, 0.3286



21.2700, 0.6388, 0.3293



38.0589, 0.5323, 0.4069



17.9924, 0.3292, 0.3286



11.1163, 0.6383, 0.3290



1.0841, 0.6339, 0.3266

Inverse Universe

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



22.0884, 0.6225, 0.3286



21.2700, 0.6388, 0.3293



28.6461, 0.1860, 0.1832



17.9924, 0.3292, 0.3286



11.1163, 0.6383, 0.3290



1.0841, 0.6339, 0.3266

Previews

White Background



This preview shows how the Yxy color 22.0925, 0.6225, 0.3286 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 22.0925, 0.6225, 0.3286 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 22.0925, 0.6225, 0.3286

Background



This preview shows how black text looks on a background with the Yxy color 22.0925, 0.6225, 0.3286.



This preview shows how white text looks on a background with the Yxy color 22.0925, 0.6225, 0.3286.

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

22.0925, 0.6225, 0.3286

Protanopia

22.2329, 0.4140, 0.4539

Tritanopia

22.0909, 0.6276, 0.3321

Trichromacy



Original Color

22.0925, 0.6225, 0.3286

Protanomaly

18.1504, 0.5163, 0.3858

Tritanomaly

22.1057, 0.6259, 0.3311

Monochromacy



Original Color

22.0925, 0.6225, 0.3286

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.6076, 0.4650, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0925, 0.6225, 0.3286 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(255, 26, 30)` looks like.

```
.text, #text, p{  
  color:rgb(255, 26, 30)  
}
```

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(255, 26, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 30) }
```

Border

The CSS property to change the border of an element to Yxy 22.0925, 0.6225, 0.3286 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(255, 26, 30) }
```

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

```
.border{ border-color:rgb(255, 26, 30) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 30);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
30) }
```

Background

The CSS property to change the background color of an element to $\text{Yxy } 22.0925, 0.6225, 0.3286$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 30) }
```

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

```
.background{ background-color: rgb(255, 26,  
30) }
```

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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