

Converting Colors

$Yxy(22.0993, 0.6190, 0.3265)$

Have a look what the booklet for
Yxy(22.0993, 0.6190, 0.3265)
contains.

Yxy(22.1262, 0.6186, 0.3264)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.1262, 0.6186, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	FF1A24
RGB	255, 26, 36
RGB Percent	100%, 10%, 14%
CMY	0.0000, 0.8983, 0.8589
CMYK	0.00, 0.90, 0.86, 0.00
HSL	357°, 100%, 55%
HSV	357°, 90%, 100%
XYZ	41.9340, 22.1262, 3.7284
YIQ	95.6110, 133.2740, 51.6580

Conversions

Conversions Part 2

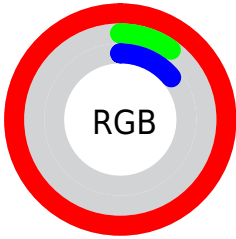
Format	Color
R_{YB}	255, 26, 36
Decimal	16718372
CIE Lab	54.16, 78.22, 56.02
CIE LCh	54, 96.213, 35.610
Yxy	22.1262, 0.6186, 0.3264
Android (android.graphics.Color)	4294908452 (0xFFFF1A24)
YUV	95.6110, -29.3882, 139.7842
Hunter-Lab	47.0385, 76.8124, 28.2275

Details

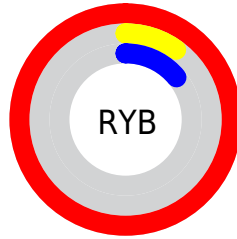
The Yxy color **22.1262, 0.6186, 0.3264** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **78.3286, 0.2293, 0.3410**, and the grayscale version is **11.6364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.6006, 0.5226, 0.3463**, and **10.6914, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **21.2951, 0.6368, 0.3283**, and if you desaturate by 10%, it is **23.9963, 0.5852, 0.3245**.

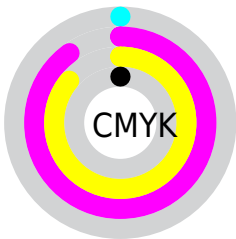
Distribution



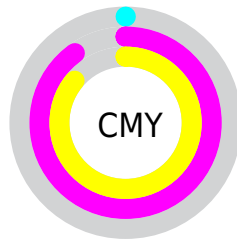
- Red (100%)
- Green (10%)
- Blue (14%)



- Red (100%)
- Yellow (10%)
- Blue (14%)



- Cyan (0%)
- Magenta (90%)
- Yellow (86%)
- Black (0%)




- Cyan (0%)
- Magenta (90%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1262, 0.6186, 0.3264 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 22.1262, 0.6186, 0.3264 by changing the saturation by 10% instead.


 22.1262, 0.6186,
0.3264


 22.1262, 0.6186,
0.3264


263.2046, 0.4581,
0.3493


 13.9497, 0.6546,
0.3123


 46.9545, 0.5618,
0.3410


 8.0857, 0.7008,
0.2920


 64.3750, 0.5397,
0.3446

 4.1498, 0.7442,
0.2558

 85.6457, 0.5208,
0.3468

 1.7577, 0.7961,
0.2039

 111.1509, 0.5046,
0.3482

 0.4606, 0.8814,
0.1186

 141.2749, 0.4906,
0.3489

 0.0000, 1.0000,
0.0000

 176.4023, 0.4783,


 0.0000, 0.0000,


0.3493

0.0000


 216.9174, 0.4676,
0.3494


 22.1262, 0.6186,
0.3264


 22.1262, 0.6186,
0.3264


 21.2951, 0.6368,
0.3283


 23.9963, 0.5852,
0.3245

 21.2846, 0.6370,
0.3283

 27.2110, 0.5411,
0.3235

 31.9561, 0.4937,
0.3233

 38.3899, 0.4488,
0.3237

 46.6512, 0.4096,
0.3246

■ 56.8643, 0.3770,
0.3257

■ 69.1426, 0.3505,
0.3268

■ 83.5910, 0.3294,
0.3280

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.



22.1262, 0.5392, 0.2485



22.1262, 0.6186, 0.3264



22.1262, 0.5748, 0.4176

Triad

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



22.1262, 0.6186, 0.3264



22.1262, 0.2039, 0.5987



22.1262, 0.1255, 0.1204

Complementary

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



22.1262, 0.6186, 0.3264



78.3286, 0.2293, 0.3410

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.



22.1262, 0.0864, 0.1388



22.1262, 0.6186, 0.3264



22.1262, 0.1138, 0.3750

Square

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



22.1262, 0.6186, 0.3264



22.1262, 0.3291, 0.6402



22.1262, 0.0807, 0.2084



22.1262, 0.2126, 0.1343

Rectangle

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



22.1262, 0.6186, 0.3264



22.1262, 0.5053, 0.4947



22.1262, 0.0807, 0.2084



22.1262, 0.1082, 0.1226

Sweetspot

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



22.1233, 0.6186, 0.3264



60.1225, 0.3689, 0.3260



27.1082, 0.3094, 0.1509



12.0311, 0.3787, 0.3256



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.



22.1233, 0.6186, 0.3264



21.2846, 0.6370, 0.3283



37.0391, 0.5365, 0.4033



18.0000, 0.3288, 0.3280



11.1272, 0.6357, 0.3275



1.0878, 0.6253, 0.3218

Inverse Universe

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



22.1233, 0.6186, 0.3264



21.2846, 0.6370, 0.3283



29.8701, 0.1875, 0.1886



18.0000, 0.3288, 0.3280



11.1272, 0.6357, 0.3275



1.0878, 0.6253, 0.3218

Previews

White Background



This preview shows how the Yxy color 22.1262, 0.6186, 0.3264 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 22.1262, 0.6186, 0.3264 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 22.1262, 0.6186, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 22.1262, 0.6186, 0.3264.



This preview shows how white text looks on a background with the Yxy color 22.1262, 0.6186, 0.3264.

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

22.1262, 0.6186, 0.3264

Protanopia

22.2103, 0.4068, 0.4456

Deuteranopia

22.0584, 0.4711, 0.4641



Tritanopia

22.1447, 0.6264, 0.3319

Trichromacy



Original Color

22.1262, 0.6186, 0.3264

Protanomaly

18.0837, 0.5080, 0.3797

Deuteranomaly

18.8788, 0.5529, 0.3926

Tritanomaly

22.1184, 0.6243, 0.3302

Monochromacy



Original Color

22.1262, 0.6186, 0.3264

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.8709, 0.4598, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1262, 0.6186, 0.3264 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, 36)` looks like.

```
.text, #text, p{  
  color:rgb(255, 26, 36)  
}
```

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, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 36) }
```

Border

The CSS property to change the border of an element to Yxy 22.1262, 0.6186, 0.3264 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, 36) }
```

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

```
.border{ border-color:rgb(255, 26, 36) }
```

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, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
36) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.1262, 0.6186, 0.3264$ 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, 36) }
```

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

```
.background{ background-color: rgb(255, 26,  
36) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor