

Converting Colors

Yxy(22.0146, 0.6261, 0.3378)

Have a look what the booklet for
Yxy(22.0146, 0.6261, 0.3378)
contains.

Yxy(22.0383, 0.6261, 0.3377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(22.0383, 0.6261, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	FC2509
RGB	252, 37, 9
RGB Percent	99%, 15%, 4%
CMY	0.0117, 0.8550, 0.9642
CMYK	0.00, 0.85, 0.96, 0.01
HSL	7°, 98%, 51%
HSV	7°, 96%, 99%
XYZ	40.8593, 22.0383, 2.3624
YIQ	98.0930, 137.1280, 36.8720

Conversions

Conversions Part 2

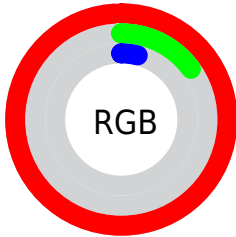
Format	Color
RYB	252, 41, 9
Decimal	16524553
CIELab	54.07, 75.34, 65.02
CIELCh	54, 99.522, 40.796
Yxy	22.0383, 0.6261, 0.3377
Android (android.graphics.Color)	4294714633 (0xFFFC2509)
YUV	98.0930, -43.9228, 134.9764
Hunter-Lab	46.9450, 73.2066, 29.8778

Details

The Yxy color **22.0383, 0.6261, 0.3377** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **60.4812, 0.2151, 0.2932**, and the grayscale version is **12.3267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.1570, 0.5373, 0.3641**, and **10.3143, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **21.5714, 0.6324, 0.3361**, and if you desaturate by 10%, it is **23.9734, 0.6008, 0.3427**.

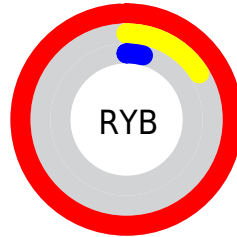
Distribution



Red (99%)

Green (15%)

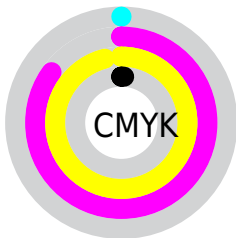
Blue (4%)



Red (99%)

Yellow (16%)

Blue (4%)

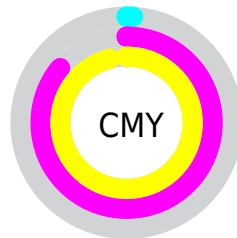


Cyan (0%)

Magenta (85%)

Yellow (96%)

Black (1%)



Cyan (1%)


Magenta (86%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0383, 0.6261, 0.3377 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 22.0383, 0.6261, 0.3377 by changing the saturation by 10% instead.


 22.0383, 0.6261,
0.3377


 22.0383, 0.6261,
0.3377


262.7462, 0.4660,
0.3593


 13.8850, 0.6597,
0.3226


 46.8093, 0.5714,
0.3531


 8.0408, 0.7001,
0.2999

 64.1958, 0.5494,
0.3566

 4.1210, 0.7379,
0.2621

 85.4289, 0.5304,
0.3586

 1.7415, 0.7899,
0.2101

 110.8929, 0.5140,
0.3597

 0.4503, 0.8774,
0.1226

 140.9722, 0.4996,
0.3601


 0.0000, 1.0000,
0.0000

 176.0513, 0.4870,

 0.0000, 0.0000,


0.3600

0.0000

 216.5145, 0.4759,
0.3597


 22.0383, 0.6261,
0.3377


 22.0383, 0.6261,
0.3377


 21.5714, 0.6324,
0.3361

 23.9734, 0.6008,
0.3427

 26.9944, 0.5630,
0.3459

 31.2333, 0.5188,
0.3468

 36.8022, 0.4740,
0.3458

 43.8001, 0.4329,
0.3435

■ 52.3166, 0.3973,
0.3405

■ 62.4341, 0.3676,
0.3372

■ 74.2289, 0.3432,
0.3339

■ 87.7723, 0.3234,
0.3308

Harmonies

Analogous

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



22.0383, 0.5707, 0.2589



22.0383, 0.6261, 0.3377



22.0383, 0.5641, 0.4359

Triad

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



22.0383, 0.6261, 0.3377



22.0383, 0.1793, 0.5772



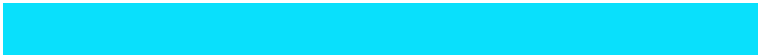
22.0383, 0.1325, 0.1165

Complementary

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



22.0383, 0.6261, 0.3377



60.4812, 0.2151, 0.2932

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.



22.0383, 0.0864, 0.1283



22.0383, 0.6261, 0.3377



22.0383, 0.0990, 0.3369

Square

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



22.0383, 0.6261, 0.3377



22.0383, 0.3027, 0.6591



22.0383, 0.0749, 0.1864



22.0383, 0.2316, 0.1357

Rectangle

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



22.0383, 0.6261, 0.3377



22.0383, 0.4839, 0.5161



22.0383, 0.0749, 0.1864



22.0383, 0.1125, 0.1167

Sweetspot

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



22.0397, 0.6261, 0.3377



61.2227, 0.3749, 0.3381



26.4815, 0.3472, 0.1696



12.1515, 0.3875, 0.3395



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.



22.0397, 0.6261, 0.3377



22.1509, 0.6324, 0.3361



44.1128, 0.5085, 0.4323



17.5456, 0.3291, 0.3318



11.3408, 0.6306, 0.3375



1.1508, 0.6137, 0.3509

Inverse Universe

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



60.4812, 0.2151, 0.2932



61.4782, 0.2144, 0.2917



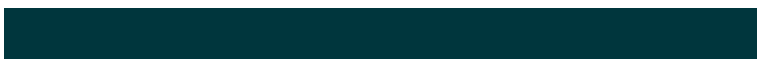
17.4541, 0.1699, 0.1297



19.2486, 0.2980, 0.3262



31.3194, 0.2146, 0.2924



2.9943, 0.2159, 0.2972

Previews

White Background



This preview shows how the Yxy color 22.0383, 0.6261, 0.3377 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 22.0383, 0.6261, 0.3377 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 22.0383, 0.6261, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 22.0383, 0.6261, 0.3377.



This preview shows how white text looks on a background with the Yxy color 22.0383, 0.6261, 0.3377.

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

22.0383, 0.6261, 0.3377

Protanopia

22.1861, 0.4283, 0.4725

Deuteranopia

22.0584, 0.4711, 0.4641



Tritanopia

21.9964, 0.6176, 0.3314

Trichromacy



Original Color

22.0383, 0.6261, 0.3377

Protanomaly

18.7460, 0.5260, 0.4049

Deuteranomaly

19.3966, 0.5494, 0.4005

Tritanomaly

22.0191, 0.6215, 0.3344

Monochromacy



Original Color

22.0383, 0.6261, 0.3377

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.4323, 0.4694, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0383, 0.6261, 0.3377 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(252, 37, 9)` looks like.

```
.text, #text, p{  
    color:rgb(252, 37, 9)  
}
```

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(252, 37, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 37, 9) }
```

Border

The CSS property to change the border of an element to Yxy 22.0383, 0.6261, 0.3377 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(252, 37, 9) }
```

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

```
.border{ border-color:rgb(252, 37, 9) }
```

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

Here you see how a box with a 4 pixel rgb(252, 37, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 37, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 37, 9);  
box-shadow:4px 4px 4px 4px rgb(252, 37, 9)  
}
```


Background

The CSS property to change the background color of an element to Yxy 22.0383, 0.6261, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 37, 9) }
```

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

```
.background{ background-color: rgb(252, 37,  
9) }
```

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