

Converting Colors

YUV(116.2820, -23.8030,
121.6557)

Have a look what the booklet for
YUV(116.2820, -23.8030, 121.6557)
contains.

YUV(116.2820, -23.8030, 121.6557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.2820, -23.8030,
121.6557)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3744
RGB	255, 55, 68
RGB Percent	100%, 22%, 27%
CMY	0.0000, 0.7843, 0.7333
CMYK	0.00, 0.78, 0.73, 0.00
HSL	356°, 100%, 61%
HSV	356°, 78%, 100%
XYZ	43.6496, 24.4097, 7.8798
YIQ	116.2820, 115.0270, 46.4430

Conversions

Conversions Part 2

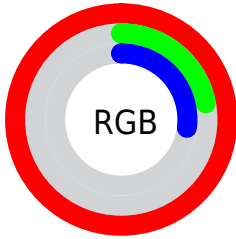
Format	Color
RYB	255, 55, 68
Decimal	16725828
CIELab	56.50, 73.28, 41.65
CIELCh	56, 84.287, 29.611
Yxy	24.4097, 0.5748, 0.3214
Android (android.graphics.Color)	4294915908 (0xFFFF3744)
YUV	116.2820, -23.8030, 121.6557
Hunter-Lab	49.4062, 71.2410, 25.1282

Details

The YUV color **116.2820, -23.8030, 121.6557** 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 **193.7180, 23.8030, -121.6557**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4360, -20.9209, 83.8096**, and **59.5460, -17.5242, 114.4082** is the 20% darker color. If you saturate the color by 10%, you get **98.2840, -26.7620, 137.4399**, and if you desaturate by 10%, it is **134.2800, -20.8440, 105.8714**.

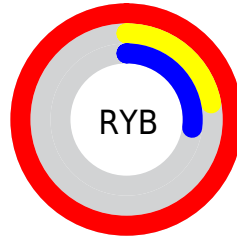
Distribution



Red (100%)

Green (22%)

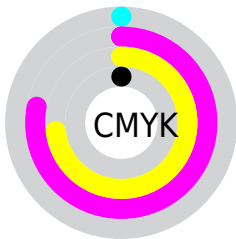
Blue (27%)



Red (100%)

Yellow (22%)

Blue (27%)

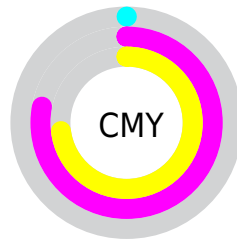


Cyan (0%)

Magenta (78%)

Yellow (73%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.2820, -23.8030, 121.6557 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 YUV color 116.2820, -23.8030, 121.6557 by changing the saturation by 10% instead.


 116.2820,
-23.8030, 121.6557

 116.2820,
-23.8030, 121.6557


255.0000, 0.0000,
0.0000

 71.5080, -13.0684,
131.9815


 159.4360,
-20.9209, 83.8096


 59.5460, -17.5242,
114.4082


 179.8960,
-18.6827, 65.8662


 46.9430, -23.1429,
96.5200


 200.5840,
-15.5709, 47.7228

 37.3750, -18.4259,
76.8471

 221.2720,
-12.4591, 29.5795

 28.0350, -12.8353,
56.9743

 242.0740, -8.9105,
11.3361

 19.4780, -8.1237,
39.0458

254.7720, -0.8736,

 8.4860, -3.6906,

0.2000

17.1138

■ 0.0000, 0.0000,
0.0000

■ 116.2820,
-23.8030, 121.6557

■ 116.2820,
-23.8030, 121.6557

■ 98.2840, -26.7620,
137.4399

■ 134.2800,
-20.8440, 105.8714

■ 80.8730, -30.0104,
152.7094

■ 151.6910,
-17.5957, 90.6020

■ 78.1830, -30.1632,
155.0685

■ 169.6890,
-14.6367, 74.8177

■ 186.9860,
-11.8251, 59.6483

■ 204.3970, -8.5767,
44.3788

■ 222.3950, -5.6177,
28.5946

■ 240.3930, -2.6587,
12.8103

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



106.2930, 16.6176, 130.4160



116.2820, -23.8030, 121.6557



124.4800, -61.3686, 83.7710

Triad

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



116.2820, -23.8030, 121.6557



101.2500, -23.2942, -88.7963



114.7720, 69.1324, -100.6550

Complementary

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



116.2820, -23.8030, 121.6557



193.7180, 23.8030, -121.6557

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.



123.5770, 64.7915, -108.3770



116.2820, -23.8030, 121.6557



112.4900, 9.6184, -98.6537

Square

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



116.2820, -23.8030, 121.6557



116.4330, -57.4015, -22.3047



121.0400, 42.3783, -106.1521



133.3410, 59.9779, -10.8231

Rectangle

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



116.2820, -23.8030, 121.6557



127.5160, -62.8654, 50.4135



121.0400, 42.3783, -106.1521



118.2940, 67.3961, -103.7438

Sweetspot

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



116.2820, -23.8030, 121.6557



212.6950, -7.2446, 37.1015



133.7130, 59.7945, 94.9677



102.2910, -4.5805, 22.5468



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



116.2820, -23.8030, 121.6557



88.5840, -28.3889, 145.9468



165.8690, -54.6584, 78.1679



119.0010, -1.4795, 7.8921



58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458

Inverse Universe

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



116.2820, -23.8030, 121.6557



88.5840, -28.3889, 145.9468



144.1310, 54.6584, -78.1679



119.0010, -1.4795, 7.8921



58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458

Previews

White Background



This preview shows how the YUV color 116.2820, -23.8030, 121.6557 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 YUV color 116.2820, -23.8030, 121.6557 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](#).

YUV 116.2820, -23.8030, 121.6557 Background



This preview shows how black text looks on a background with the YUV color 116.2820, -23.8030, 121.6557.



This preview shows how white text looks on a background with the YUV color 116.2820, -23.8030, 121.6557.

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

116.2820, -23.8030, 121.6557

Protanopia

134.6150, -19.5302, 10.8616

Deuteranopia

132.6380, -37.7825, 31.8895



Tritanopia

116.3160, -28.7498, 121.6259

Trichromacy



Original Color

116.2820, -23.8030, 121.6557

Protanomaly

128.1130, -21.2547, 50.7669

Deuteranomaly

126.5140, -32.7914, 64.4472

Tritanomaly

116.1850, -26.7132, 121.7408

Monochromacy



Original Color

116.2820, -23.8030, 121.6557

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.3970, -8.5767, 44.3788

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2820, -23.8030, 121.6557 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, 55, 68)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 68)  
}
```

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, 55, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 68) }
```

Border

The CSS property to change the border of an element to YUV 116.2820, -23.8030, 121.6557 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, 55, 68) }
```


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

```
.border{ border-color:rgb(255, 55, 68) }
```

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

Here you see how a box with a 4 pixel rgb(255, 55, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 68);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 116.2820, -23.8030, 121.6557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 68) }
```

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

```
.background{ background-color: rgb(255, 55,  
68) }
```

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