

Converting Colors

YUV(230.0340, -95.6588,
21.8952)

Have a look what the booklet for
YUV(230.0340, -95.6588, 21.8952)
contains.

YUV(230.0340, -95.6588, 21.8952)	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(230.0340, -95.6588,
21.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF24
RGB	255, 255, 36
RGB Percent	100%, 100%, 14%
CMY	0.0000, 0.0000, 0.8588
CMYK	0.00, 0.00, 0.86, 0.00
HSL	60°, 100%, 57%
HSV	60°, 86%, 100%
XYZ	77.3184, 92.9074, 15.5269
YIQ	230.0340, 70.2990, -68.1090

Conversions

Conversions Part 2

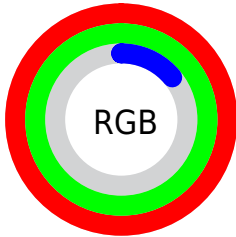
Format	Color
RYB	36, 255, 36
Decimal	16776996
CIELab	97.19, -21.14, 90.67
CIELCh	97, 93.097, 103.123
Yxy	92.9074, 0.4162, 0.5002
Android (android.graphics.Color)	4294967076 (0xFFFFFFFF24)
YUV	230.0340, -95.6588, 21.8952
Hunter-Lab	96.3885, -25.4953, 57.9211

Details

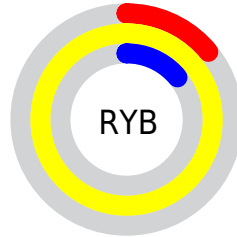
The YUV color **230.0340, -95.6588, 21.8952** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **60.9660, 95.6588, -21.8952**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2420, -64.2093, 14.6968**, and **174.8190, -86.1858, 16.8217** is the 20% darker color. If you saturate the color by 10%, you get **227.0700, -107.0155, 24.4946**, and if you desaturate by 10%, it is **232.8840, -84.7388, 19.3957**.

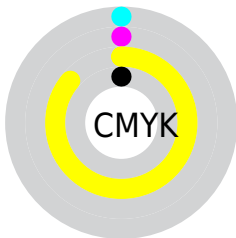
Distribution



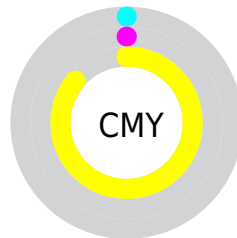
- Red (100%)
- Green (100%)
- Blue (14%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 230.0340, -95.6588, 21.8952 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 230.0340, -95.6588, 21.8952 by changing the saturation by 10% instead.

230.0340,
-95.6588, 21.8952

230.0340,
-95.6588, 21.8952

255.0000, 0.0000,
0.0000

199.6380,
-98.4215, 21.3655

238.2420,
-64.2093, 14.6968

174.8190,
-86.1858, 16.8217

241.6620,
-51.1054, 11.6974

149.4130,
-73.6606, 12.7928

245.0820,
-38.0014, 8.6981

125.1810,
-61.7142, 7.7343

248.5020,
-24.8975, 5.6987

101.8350,
-50.2047, 2.7757

251.9220,
-11.7935, 2.6994

78.7880, -38.8425,
-1.5681

56.6270, -27.9171,

-5.8119

■ 35.6400, -17.5705,
-11.0853

■ 17.0230, -8.3923,
-14.9292

■ 230.0340,
-95.6588, 21.8952

■ 230.0340,
-95.6588, 21.8952

■ 227.0700,
-107.0155, 24.4946

■ 232.8840,
-84.7388, 19.3957

■ 225.9300,
-111.3835, 25.4944

■ 235.8480,
-73.3821, 16.7963

■ 238.6980,
-62.4621, 14.2969

■ 241.6620,
-51.1054, 11.6974

244.5120,
-40.1854, 9.1980

247.4760,
-28.8287, 6.5985

250.3260,
-17.9087, 4.0991

253.2900, -6.5520,
1.4997

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.



214.1170, -77.9517, 35.8544



230.0340, -95.6588, 21.8952



206.9890, -50.7736, -48.2254

Triad

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



230.0340, -95.6588, 21.8952



178.7550, 37.5888, -156.7681



203.9310, 25.1770, 44.7875

Complementary

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



230.0340, -95.6588, 21.8952



60.9660, 95.6588, -21.8952

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.



225.6500, 14.4696, 25.7400



230.0340, -95.6588, 21.8952



178.7550, 37.5888, -156.7681

Square

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



230.0340, -95.6588, 21.8952



178.7550, 37.5888, -156.7681



212.3640, 21.0195, -68.7252



193.6320, 8.5624, 53.8197

Rectangle

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



230.0340, -95.6588, 21.8952



168.0390, -3.4702, -147.3702



212.3640, 21.0195, -68.7252



209.8010, 22.2831, 39.6395

Sweetspot

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



230.0340, -95.6588, 21.8952



247.4760, -28.8287, 6.5985



101.4810, -32.2821, 134.6362



123.4400, -17.4719, 3.9991



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.



230.0340, -95.6588, 21.8952



225.9300, -111.3835, 25.4944



197.4430, -79.5914, -45.1155



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986

Inverse Universe

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



60.9660, 95.6588, -21.8952



29.0700, 111.3835, -25.4944



93.8560, 79.4440, 45.7303



116.4820, 5.6784, -1.2997



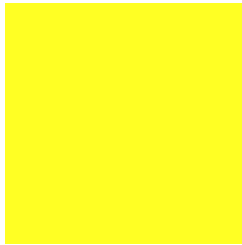
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 230.0340, -95.6588, 21.8952 looks on a white background.

Color Contrast Check

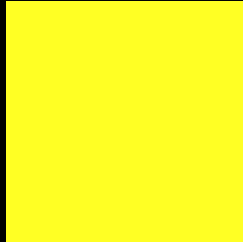
Large Text (above 18pt) WCAG AA × Fail

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 230.0340, -95.6588, 21.8952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

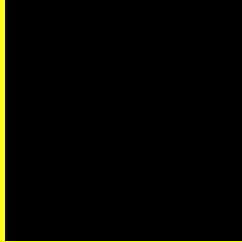
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.0340, -95.6588, 21.8952

Background



This preview shows how black text looks on a background with the YUV color 230.0340, -95.6588, 21.8952.

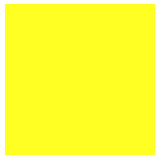


This preview shows how white text looks on a background with the YUV color 230.0340, -95.6588, 21.8952.

Color Blindness Simulation

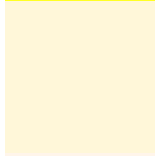
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



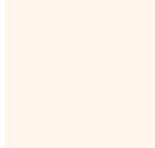
Original Color

230.0340, -95.6588, 21.8952



Protanopia

245.9720, -14.2832, 7.9176



Deuteranopia

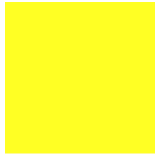
246.7360, -6.2788, 7.2475



Tritanopia

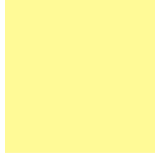
247.9730, 0.9993, 6.1627

Trichromacy



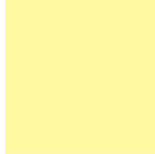
Original Color

230.0340, -95.6588, 21.8952



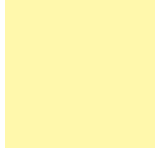
Protanomaly

240.2090, -43.9800, 12.9717



Deuteranomaly

240.8760, -38.8859, 12.3867



Tritanomaly

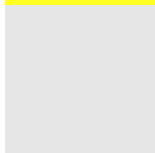
241.4290, -34.2285, 11.9018

Monochromacy



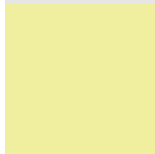
Original Color

230.0340, -95.6588, 21.8952



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

229.8800, -34.9438, 7.9982

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.0340, -95.6588, 21.8952 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, 255, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 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, 255, 36) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 230.0340, -95.6588, 21.8952 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, 255, 36) }
```


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

```
.border{ border-color:rgb(255, 255, 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, 255, 36)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 230.0340, -95.6588, 21.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 36) }
```

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

```
.background{ background-color: rgb(255,  
255, 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