

Converting Colors

YUV(53.4920, 44.1274,
-13.5865)

Have a look what the booklet for
YUV(53.4920, 44.1274, -13.5865)
contains.

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Color

**YUV(53.4920, 44.1274,
-13.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	262C8F
RGB	38, 44, 143
RGB Percent	15%, 17%, 56%
CMY	0.8510, 0.8275, 0.4392
CMYK	0.73, 0.69, 0.00, 0.44
HSL	237°, 58%, 35%
HSV	237°, 73%, 56%
XYZ	6.6579, 4.1966, 26.4457
YIQ	53.4920, -35.3550, 29.5170

Conversions

Conversions Part 2

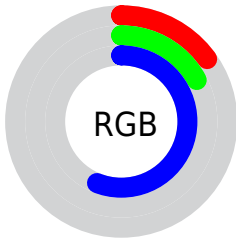
Format	Color
R_{YB}	38, 44, 143
Decimal	2501775
CIE _{Lab}	24.31, 32.36, -55.28
CIE _{LCh}	24, 64.057, 300.341
Yxy	4.1966, 0.1785, 0.1125
Android (android.graphics.Color)	4280691855 (0xFF262C8F)
YUV	53.4920, 44.1274, -13.5865
Hunter-Lab	20.4856, 22.1637, -62.2000

Details

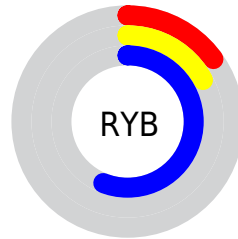
The YUV color **53.4920, 44.1274, -13.5865** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **127.5080, -44.1274, 13.5865**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0030, 45.8475, -5.2646**, and **10.9610, 39.4592, -9.6128** is the 20% darker color. If you saturate the color by 10%, you get **41.6750, 49.9532, -15.5010**, and if you desaturate by 10%, it is **65.3090, 38.3017, -11.6720**.

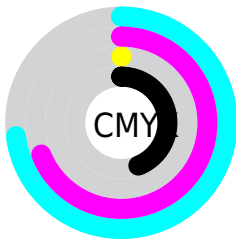
Distribution



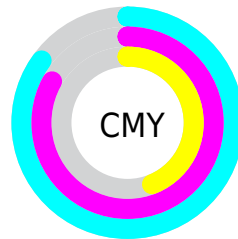
- Red (15%)
- Green (17%)
- Blue (56%)



- Red (15%)
- Yellow (17%)
- Blue (56%)



- Cyan (73%)
- Magenta (69%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.4920, 44.1274, -13.5865 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 53.4920, 44.1274, -13.5865 by changing the saturation by 10% instead.

■ 53.4920, 44.1274,
-13.5865

■ 53.4920, 44.1274,
-13.5865

■ 255.0000, 0.0000,
0.0000

■ 26.8390, 44.4494,
-23.5378

■ 105.0030, 45.8475,
-5.2646

■ 10.9610, 39.4592,
-9.6128

■ 131.5410, 46.5683,
-3.1055

■ 8.2250, 28.9761,
-7.2133

■ 157.8940, 47.8733,
-1.6610

■ 6.7770, 18.3509,
-5.9434

■ 182.4140, 35.7849,
2.2679

■ 3.0950, 9.3202,
-2.7143

■ 206.9340, 23.6965,
6.1969

■ 0.0000, 0.0000,
0.0000

■ 232.3400, 11.1714,

10.2258

252.6520, 1.1576,
2.0592

53.4920, 44.1274,
-13.5865

53.4920, 44.1274,
-13.5865

41.6750, 49.9532,
-15.5010

65.3090, 38.3017,
-11.6720

28.9720, 56.2158,
-17.5154

78.0120, 32.0391,
-9.6575

20.9980, 60.1470,
-18.4152

89.8290, 26.2133,
-7.7430

102.2330, 20.0981,
-6.3433

114.3490, 14.1249,
-3.8141

■ 126.7530, 8.0098,
-2.4144

■ 138.5700, 2.1840,
-0.4999

■ 150.9740, -3.9312,
0.8998

■ 163.0900, -9.9044,
3.4291

Harmonies

Analogous

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



56.0530, 49.7669, -49.1585



53.4920, 44.1274, -13.5865



45.6860, 30.2278, 58.1574

Triad

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



53.4920, 44.1274, -13.5865



51.6630, -25.4699, 49.4075



50.5230, 3.1932, -44.3087

Complementary

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



53.4920, 44.1274, -13.5865



127.5080, -44.1274, 13.5865

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.



42.8510, -21.1255, -37.5803



53.4920, 44.1274, -13.5865



54.6880, -26.9612, 14.3056

Square

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



53.4920, 44.1274, -13.5865



40.5370, -14.0687, 79.3361



44.7000, -22.0371, -25.1699



56.6960, 24.3069, -49.7224

Rectangle

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



53.4920, 44.1274, -13.5865



47.8330, 13.8863, 72.9375



44.7000, -22.0371, -25.1699



48.5850, -4.2324, -42.6090

Sweetspot

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



53.4920, 44.1274, -13.5865



151.4350, 17.0405, -5.6435



110.8070, 12.4201, -63.8517



73.3230, 10.1938, -2.9143



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



53.4920, 44.1274, -13.5865



46.5660, 68.7410, -21.5444



63.7240, 39.0831, 17.7821



65.3850, 2.7682, -1.2146



20.0860, 56.6526, -17.6154



0.9120, 3.4944, -0.7998

Inverse Universe

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



70.0790, -12.8569, 63.9517



72.1760, -19.8068, 99.8236



117.5750, -39.2305, -17.1673



66.2070, -0.5951, 4.2035



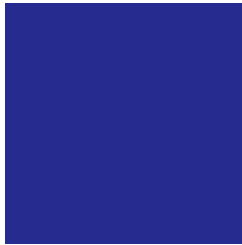
41.2770, -16.4056, 82.1951



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 53.4920, 44.1274, -13.5865 looks on a white 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

Black Background



This preview shows how the YUV color 53.4920, 44.1274, -13.5865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

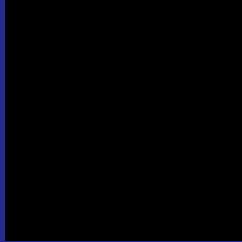
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.4920, 44.1274, -13.5865

Background



This preview shows how black text looks on a background with the YUV color 53.4920, 44.1274, -13.5865.



This preview shows how white text looks on a background with the YUV color 53.4920, 44.1274,

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

53.4920, 44.1274, -13.5865

Protanopia

46.3240, 35.3363, -40.6261

Deuteranopia

46.7340, 26.7531, -40.9857



Tritanopia

45.3200, 11.1812, -39.7456

Trichromacy



Original Color

53.4920, 44.1274, -13.5865

Protanomaly

49.1880, 38.3613, -30.8599

Deuteranomaly

49.1080, 32.9778, -30.7897

Tritanomaly

48.4750, 22.9368, -30.2346

Monochromacy



Original Color

53.4920, 44.1274, -13.5865

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.5060, 16.0195, -4.8288

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.4920, 44.1274, -13.5865 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(38, 44, 143)` looks like.

```
.text, #text, p{  
    color:rgb(38, 44, 143)  
}
```

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(38, 44, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 44, 143) }
```

Border

The CSS property to change the border of an element to YUV 53.4920, 44.1274, -13.5865 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(38, 44, 143) }
```


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

```
.border{ border-color:rgb(38, 44, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 44, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 44, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 44, 143);  
box-shadow:4px 4px 4px 4px rgb(38, 44,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 53.4920, 44.1274, -13.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 44, 143) }
```

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

```
.background{ background-color: rgb(38, 44,  
143) }
```

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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