

Converting Colors

YUV(88.1190, 53.1853,
-25.5374)

Have a look what the booklet for
YUV(88.1190, 53.1853, -25.5374)
contains.

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Color

**YUV(88.1190, 53.1853,
-25.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	3B52C4
RGB	59, 82, 196
RGB Percent	23%, 32%, 77%
CMY	0.7686, 0.6784, 0.2314
CMYK	0.70, 0.58, 0.00, 0.23
HSL	230°, 54%, 50%
HSV	230°, 70%, 77%
XYZ	14.7847, 10.9499, 53.5589
YIQ	88.1190, -50.3020, 30.5780

Conversions

Conversions Part 2

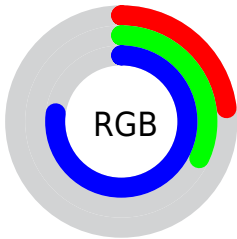
Format	Color
R_{YB}	59, 79, 196
Decimal	3887812
CIE _{Lab}	39.50, 29.70, -62.19
CIE _{LCh}	39, 68.920, 295.523
Yxy	10.9499, 0.1865, 0.1381
Android (android.graphics.Color)	4282077892 (0xFF3B52C4)
YUV	88.1190, 53.1853, -25.5374
Hunter-Lab	33.0907, 21.8442, -72.8003

Details

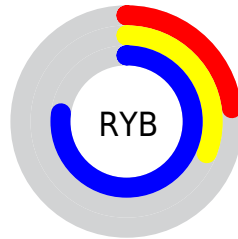
The YUV color **88.1190, 53.1853, -25.5374** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **166.8810, -53.1853, 25.5374**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6300, 54.9054, -17.2155**, and **38.3800, 50.5917, -33.6593** is the 20% darker color. If you saturate the color by 10%, you get **72.7470, 60.7637, -29.5961**, and if you desaturate by 10%, it is **103.4910, 45.6069, -21.4786**.

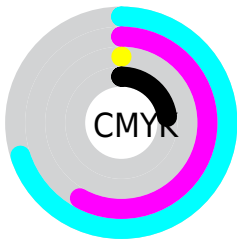
Distribution



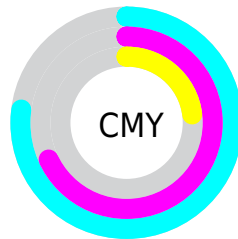
- Red (23%)
- Green (32%)
- Blue (77%)



- Red (23%)
- Yellow (31%)
- Blue (77%)



- Cyan (70%)
- Magenta (58%)
- Yellow (0%)
- Black (23%)



- Cyan (77%)
- Magenta (68%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1190, 53.1853, -25.5374 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 88.1190, 53.1853, -25.5374 by changing the saturation by 10% instead.

■ 88.1190, 53.1853,
-25.5374

■ 88.1190, 53.1853,
-25.5374

■ 255.0000, 0.0000,
0.0000

■ 55.8780, 55.2761,
-42.8660

■ 142.6300, 54.9054,
-17.2155

■ 38.3800, 50.5917,
-33.6593

■ 166.6770, 43.5432,
-12.8717

■ 24.2630, 44.7333,
-21.2787

■ 191.4960, 31.3075,
-8.3280

■ 10.2600, 39.3118,
-8.9980

■ 216.9020, 18.7823,
-4.2991

■ 11.5190, 26.3661,
-10.1022

■ 242.3080, 6.2572,
-0.2701

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 88.1190, 53.1853,
-25.5374

■ 88.1190, 53.1853,
-25.5374

■ 72.7470, 60.7637,
-29.5961

■ 103.4910, 45.6069,
-21.4786

■ 57.0870, 68.4841,
-32.5253

■ 119.1510, 37.8866,
-18.5494

■ 41.7150, 76.0625,
-36.5841

■ 134.5230, 30.3082,
-14.4907

■ 149.5960, 22.8772,
-11.0467

■ 165.5550, 15.0094,
-7.5027

■ 180.9270, 7.4310,
-3.4440

■ 196.0000, 0.0000,
0.0000

■ 211.3720, -7.5784,
4.0588

■ 227.0320,
-15.2988, 6.9879

Harmonies

Analogous

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



84.0590, 60.6099, -73.7197



88.1190, 53.1853, -25.5374



90.4510, 33.3017, 52.2245

Triad

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



88.1190, 53.1853, -25.5374



83.9460, -41.3854, 67.5764



77.5540, 2.6849, -68.0149

Complementary

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



88.1190, 53.1853, -25.5374



166.8810, -53.1853, 25.5374

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.



67.9100, -24.1126, -59.5571



88.1190, 53.1853, -25.5374



87.8350, -43.3027, 29.0857

Square

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



88.1190, 53.1853, -25.5374



70.2930, -10.4974, 100.5980



81.0810, -39.9729, -12.3490



84.0520, 27.5824, -73.7136

Rectangle

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



88.1190, 53.1853, -25.5374



71.6410, 25.3200, 92.3998



81.0810, -39.9729, -12.3490



74.6870, -5.7617, -65.5005

Sweetspot

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



88.1190, 53.1853, -25.5374



212.4390, 20.9826, -10.0320



152.1870, 9.2748, -81.7250



102.5830, 12.5306, -5.7733



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.



88.1190, 53.1853, -25.5374



86.5280, 83.0567, -39.9281



87.4750, 53.5028, 12.7384



89.3140, 3.7892, -2.0294



34.2030, 62.5109, -29.9960



7.2840, 12.6780, -6.3881

Inverse Universe

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



102.5850, -10.1484, 81.9250



109.0900, -15.8204, 127.9631



167.5250, -53.5028, -12.7384



90.2180, -0.6005, 5.9478



51.2170, -11.9390, 96.2797



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 88.1190, 53.1853, -25.5374 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 × Fail

Black Background



This preview shows how the YUV color 88.1190, 53.1853, -25.5374 looks on a black 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

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

YUV 88.1190, 53.1853, -25.5374

Background



This preview shows how black text looks on a background with the YUV color 88.1190, 53.1853, -25.5374.



This preview shows how white text looks on a background with the YUV color 88.1190, 53.1853, -25.5374.

-25.5374.

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

88.1190, 53.1853, -25.5374

Protanopia

73.7890, 56.7990, -64.7130

Deuteranopia

74.3470, 43.7059, -65.2023



Tritanopia

73.0010, 18.2405, -64.0219

Trichromacy



Original Color

88.1190, 53.1853, -25.5374

Protanomaly

78.6490, 55.8820, -50.5582

Deuteranomaly

79.0590, 47.2989, -50.9177

Tritanomaly

78.1180, 31.0008, -50.0925

Monochromacy



Original Color

88.1190, 53.1853, -25.5374

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9830, 19.2354, -9.6321

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1190, 53.1853, -25.5374 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(59, 82, 196)` looks like.

```
.text, #text, p{  
    color:rgb(59, 82, 196)  
}
```

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(59, 82, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 82, 196) }
```

Border

The CSS property to change the border of an element to YUV 88.1190, 53.1853, -25.5374 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(59, 82, 196) }
```


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

```
.border{ border-color:rgb(59, 82, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 82, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 82, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 82, 196);  
box-shadow:4px 4px 4px 4px rgb(59, 82,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 88.1190, 53.1853, -25.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 82, 196) }
```

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

```
.background{ background-color: rgb(59, 82,  
196) }
```

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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