

Converting Colors

YUV(92.4330, 23.4505, -8.2727)

Have a look what the booklet for
YUV(92.4330, 23.4505, -8.2727)
contains.

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Color

**YUV(92.4330, 23.4505,
-8.2727)**

Conversions

Conversions Part 1

Format	Color
Hex	53588C
RGB	83, 88, 140
RGB Percent	33%, 35%, 55%
CMY	0.6745, 0.6549, 0.4510
CMYK	0.41, 0.37, 0.00, 0.45
HSL	235°, 26%, 44%
HSV	235°, 41%, 55%
XYZ	11.7906, 10.7119, 26.2571
YIQ	92.4330, -19.6720, 15.1120

Conversions

Conversions Part 2

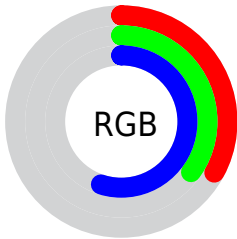
Format	Color
R_{YB}	83, 88, 140
Decimal	5462156
CIE _{Lab}	39.09, 11.90, -29.50
CIE _{LCh}	39, 31.814, 291.974
Yxy	10.7119, 0.2418, 0.2197
Android (android.graphics.Color)	4283652236 (0xFF53588C)
YUV	92.4330, 23.4505, -8.2727
Hunter-Lab	32.7290, 7.0288, -24.6555

Details

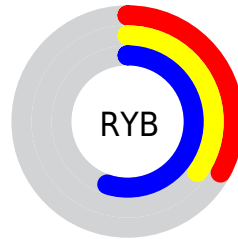
The YUV color **92.4330, 23.4505, -8.2727** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **130.5670, -23.4505, 8.2727**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4870, 24.9029, -7.4431**, and **45.3680, 22.0036, -10.8467** is the 20% darker color. If you saturate the color by 10%, you get **80.6160, 29.2763, -10.1872**, and if you desaturate by 10%, it is **104.2500, 17.6247, -6.3582**.

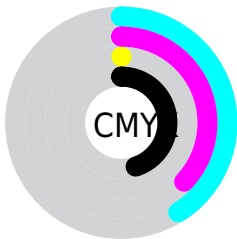
Distribution



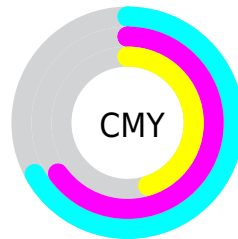
- Red (33%)
- Green (35%)
- Blue (55%)



- Red (33%)
- Yellow (35%)
- Blue (55%)



- Cyan (41%)
- Magenta (37%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4330, 23.4505, -8.2727 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 92.4330, 23.4505, -8.2727 by changing the saturation by 10% instead.

■ 92.4330, 23.4505,
-8.2727

■ 92.4330, 23.4505,
-8.2727

■ 255.0000, 0.0000,
0.0000

■ 68.4930, 22.4350,
-9.2024

■ 143.4870, 24.9029,
-7.4431

■ 45.3680, 22.0036,
-10.8467

■ 170.0140, 25.6291,
-7.0283

■ 21.9220, 21.7305,
-16.5946

■ 197.2420, 26.5027,
-7.2282

■ 5.0160, 19.2191,
-4.3990

■ 222.8050, 15.8721,
-4.2140

■ 3.0950, 9.3202,
-2.7143

■ 247.6130, 3.6418,
-1.4146

■ 0.0000, 0.0000,
0.0000

■ 92.4330, 23.4505,
-8.2727

■ 92.4330, 23.4505,
-8.2727

■ 80.6160, 29.2763,
-10.1872

■ 104.2500, 17.6247,
-6.3582

■ 68.7990, 35.1021,
-12.1017

■ 116.0670, 11.7990,
-4.4438

■ 57.5690, 40.6385,
-14.5310

■ 127.2970, 6.2626,
-2.0145

■ 45.7520, 46.4643,
-16.4455

■ 139.1140, 0.4368,
-0.1000

■ 33.9350, 52.2900,
-18.3600

■ 150.9310, -5.3890,
1.8145

■ 23.0040, 57.6790,
-20.1745

■ 162.7480,
-11.2148, 3.7290

■ 173.9780,
-16.7512, 6.1583

■ 185.7950,

-22.5769, 8.0728

■ 197.6120,
-28.4027, 9.9873

Harmonies

Analogous

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



80.7160, 30.7060, -48.8629



92.4330, 23.4505, -8.2727



94.9050, 14.3438, 19.3773

Triad

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



92.4330, 23.4505, -8.2727



91.7690, -19.6061, 35.2826



71.5100, 6.1576, -61.8373

Complementary

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



92.4330, 23.4505, -8.2727



130.5670, -23.4505, 8.2727

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.



83.9420, -12.2964, -22.7511



92.4330, 23.4505, -8.2727



90.3020, -24.7989, 20.7831

Square

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



92.4330, 23.4505, -8.2727



92.8590, -9.2975, 42.2197



87.7510, -22.5552, 1.0954



74.2890, 18.0985, -65.1515

Rectangle

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



92.4330, 23.4505, -8.2727



94.7450, 7.0277, 32.6726



87.7510, -22.5552, 1.0954



78.5680, -1.7590, -42.5941

Sweetspot

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



92.4330, 23.4505, -8.2727



162.6820, 9.0308, -3.2291



122.2730, 5.7814, -34.4424



81.0690, 5.3890, -1.8145



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



92.4330, 23.4505, -8.2727



106.8420, 36.5599, -13.0164



96.3750, 21.5071, 8.4411



63.3850, 2.7682, -1.2146



22.2060, 54.6214, -19.4747



0.5700, 2.1840, -0.4999

Inverse Universe

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



100.6130, -6.2182, 34.5424



119.5230, -9.6248, 53.9153



126.6250, -21.5071, -8.4411



64.2070, -0.5951, 4.2035



41.1350, -14.3636, 80.5656



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 92.4330, 23.4505, -8.2727 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 92.4330, 23.4505, -8.2727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

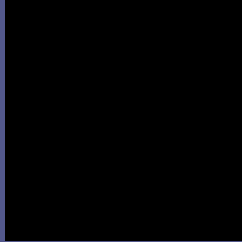
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4330, 23.4505, -8.2727

Background



This preview shows how black text looks on a background with the YUV color 92.4330, 23.4505, -8.2727.



This preview shows how white text looks on a background with the YUV color 92.4330, 23.4505, -8.2727.

-8.2727.

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

92.4330, 23.4505, -8.2727

Protanopia

90.8450, 25.2194, -15.6501

Deuteranopia

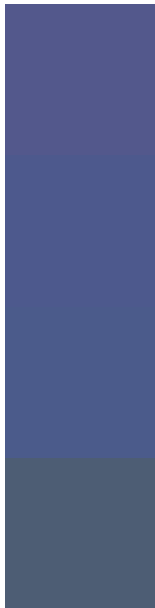
90.7800, 23.7725, -18.2241



Tritanopia

90.2200, 6.3005, -14.2249

Trichromacy



Original Color

92.4330, 23.4505, -8.2727

Protanomaly

91.3400, 24.4824, -12.5762

Deuteranomaly

91.6880, 23.3248, -14.6354

Tritanomaly

90.8380, 12.4049, -12.1359

Monochromacy



Original Color

92.4330, 23.4505, -8.2727

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.4540, 8.1572, -3.0292

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4330, 23.4505, -8.2727 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(83, 88, 140)` looks like.

```
.text, #text, p{  
    color:rgb(83, 88, 140)  
}
```

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(83, 88, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 88, 140) }
```

Border

The CSS property to change the border of an element to YUV 92.4330, 23.4505, -8.2727 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(83, 88, 140) }
```


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

```
.border{ border-color:rgb(83, 88, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 88, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 88, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 88, 140);  
box-shadow:4px 4px 4px 4px rgb(83, 88,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 92.4330, 23.4505, -8.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 88, 140) }
```

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

```
.background{ background-color: rgb(83, 88,  
140) }
```

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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