

Converting Colors

YUV(123.2510, 59.5293,
-53.7171)

Have a look what the booklet for
YUV(123.2510, 59.5293, -53.7171)
contains.

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Color

**YUV(123.2510, 59.5293,
-53.7171)**

Conversions

Conversions Part 1

Format	Color
Hex	3E83F4
RGB	62, 131, 244
RGB Percent	24%, 51%, 96%
CMY	0.7569, 0.4863, 0.0431
CMYK	0.75, 0.46, 0.00, 0.04
HSL	217°, 89%, 60%
HSV	217°, 75%, 96%
XYZ	26.4320, 23.7884, 88.7864
YIQ	123.2510, -77.3970, 20.5150

Conversions

Conversions Part 2

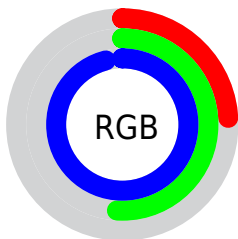
Format	Color
R _Y B	62, 112, 244
Decimal	4097012
CIE Lab	55.88, 16.56, -62.93
CIE LCh	56, 65.068, 284.740
Yxy	23.7884, 0.1901, 0.1711
Android (android.graphics.Color)	4282287092 (0xFF3E83F4)
YUV	123.2510, 59.5293, -53.7171
Hunter-Lab	48.7733, 11.3823, -73.7895

Details

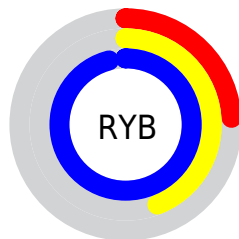
The YUV color **123.2510, 59.5293, -53.7171** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **182.7490, -59.5293, 53.7171**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9590, 38.9672, -38.5520**, and **70.0390, 57.6618, -61.4242** is the 20% darker color. If you saturate the color by 10%, you get **107.2700, 67.4079, -60.7498**, and if you desaturate by 10%, it is **139.2320, 51.6506, -46.6845**.

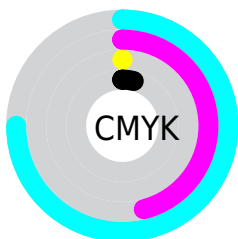
Distribution



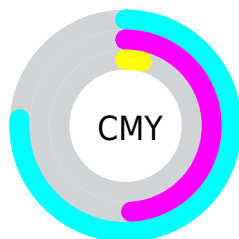
- Red (24%)
- Green (51%)
- Blue (96%)



- Red (24%)
- Yellow (44%)
- Blue (96%)



- Cyan (75%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)



- Cyan (76%)
- Magenta (49%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.2510, 59.5293, -53.7171 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 123.2510, 59.5293, -53.7171 by changing the saturation by 10% instead.

■ 123.2510, 59.5293,
-53.7171

■ 123.2510, 59.5293,
-53.7171

255.0000, 0.0000,
0.0000

■ 86.7320, 63.2361,
-76.0640

■ 175.9590, 38.9672,
-38.5520

■ 70.0390, 57.6618,
-61.4242

■ 201.6640, 26.2946,
-33.9083

■ 53.3460, 52.0874,
-46.7844

■ 227.3690, 13.6221,
-29.2646

■ 38.6420, 46.5185,
-33.8890

■ 246.0300, 4.4222,
-18.4433

■ 25.1120, 40.3708,
-22.0232

■ 15.8050, 32.6341,
-13.8610

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 123.2510, 59.5293,
-53.7171

■ 123.2510, 59.5293,
-53.7171

■ 107.2700, 67.4079,
-60.7498

■ 139.2320, 51.6506,
-46.6845

■ 90.9900, 75.4339,
-68.3972

■ 155.5120, 43.6246,
-39.0370

■ 82.4070, 79.6653,
-72.2709

■ 171.4930, 35.7460,
-32.0044

■ 188.3600, 27.4305,
-24.8717

■ 204.3410, 19.5519,
-17.8391

■ 220.3220, 11.6733,
-10.8064

■ 236.6020, 3.6472,
-3.1590

■ 251.9850, -3.9366,
2.6442

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



114.5780, 63.3120, -100.4849



123.2510, 59.5293, -53.7171



137.8610, 38.0295, 29.0629

Triad

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



123.2510, 59.5293, -53.7171



128.5160, -35.7504, 80.2315



104.3740, -1.1704, -91.5360

Complementary

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



123.2510, 59.5293, -53.7171



182.7490, -59.5293, 53.7171

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.



114.3870, -34.2078, -41.5584



123.2510, 59.5293, -53.7171



126.0430, -62.1392, 50.8283

Square

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



123.2510, 59.5293, -53.7171



127.0040, -8.8760, 93.8355



122.2460, -60.2673, 10.3083



112.2740, 24.0219, -98.4643

Rectangle

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



123.2510, 59.5293, -53.7171



134.7100, 23.8070, 64.2753



122.2460, -60.2673, 10.3083



101.0340, -8.8908, -88.6068

Sweetspot

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



123.2510, 59.5293, -53.7171



217.7110, 18.3835, -16.4095



181.6020, -3.7478, -104.8910



105.5070, 11.0890, -10.0916



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.



123.2510, 59.5293, -53.7171



102.8760, 74.9971, -68.2973



89.0270, 76.4017, -5.2857



114.3030, 3.7946, -3.7737



62.8810, 60.6977, -55.1466



19.6400, 19.4045, -17.2243

Inverse Universe

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



124.2840, 3.3110, 104.9909



103.8020, 4.5346, 132.6006



216.9730, -76.4017, 5.2857



114.1580, 0.4151, 6.8774



63.7080, 3.5950, 107.2501



20.1490, 0.9125, 34.0723

Previews

White Background



This preview shows how the YUV color 123.2510, 59.5293, -53.7171 looks on a white background.

Color Contrast Check

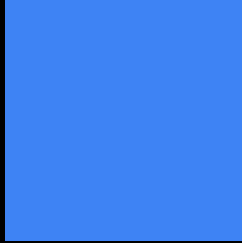
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.2510, 59.5293, -53.7171 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

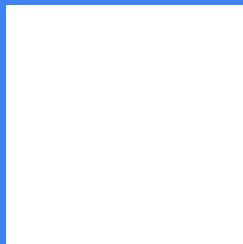
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.2510, 59.5293, -53.7171

Background



This preview shows how black text looks on a background with the YUV color 123.2510, 59.5293, -53.7171.



This preview shows how white text looks on a background with the YUV color 123.2510, 59.5293, -53.7171.

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

123.2510, 59.5293, -53.7171

Protanopia

126.3340, 57.0233, -43.2659

Deuteranopia

106.6050, 65.7637, -93.4926



Tritanopia

105.0020, 26.6210, -92.0868

Trichromacy



Original Color

123.2510, 59.5293, -53.7171

Protanomaly

125.5400, 57.9078, -46.9546

Deuteranomaly

113.0090, 63.0996, -78.9379

Tritanomaly

111.8910, 38.5077, -77.9574

Monochromacy



Original Color

123.2510, 59.5293, -53.7171

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.1990, 21.5939, -19.4685

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.2510, 59.5293, -53.7171 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(62, 131, 244)` looks like.

```
.text, #text, p{  
    color:rgb(62, 131, 244)  
}
```

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(62, 131, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 131, 244) }
```

Border

The CSS property to change the border of an element to YUV 123.2510, 59.5293, -53.7171 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

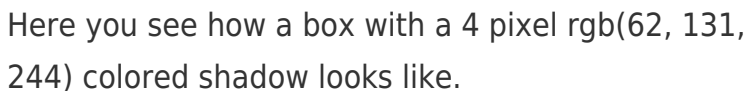
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(62, 131, 244) }
```


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

```
.border{ border-color:rgb(62, 131, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(62, 131, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(62, 131, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(62, 131, 244); box-shadow:4px 4px 4px 4px rgb(62, 131, 244) }
```

Background

The CSS property to change the background color of an element to YUV 123.2510, 59.5293, -53.7171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 131, 244) }
```

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

```
.background{ background-color: rgb(62, 131,  
244) }
```

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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