

Converting Colors

YUV(155.2860, 39.7920,
-23.0528)

Have a look what the booklet for
YUV(155.2860, 39.7920, -23.0528)
contains.

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Color

**YUV(155.2860, 39.7920,
-23.0528)**

Conversions

Conversions Part 1

Format	Color
Hex	8199EC
RGB	129, 153, 236
RGB Percent	51%, 60%, 93%
CMY	0.4941, 0.4000, 0.0745
CMYK	0.45, 0.35, 0.00, 0.07
HSL	227°, 74%, 72%
HSV	227°, 45%, 93%
XYZ	35.5848, 33.5057, 83.9486
YIQ	155.2860, -40.9470, 20.7250

Conversions

Conversions Part 2

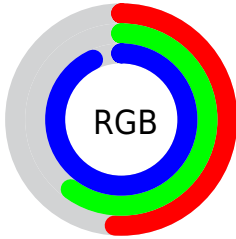
Format	Color
RYB	129, 149, 236
Decimal	8493548
CIELab	64.57, 13.09, -44.48
CIElCh	65, 46.368, 286.398
Yxy	33.5057, 0.2325, 0.2189
Android (android.graphics.Color)	4286683628 (0xFF8199EC)
YUV	155.2860, 39.7920, -23.0528
Hunter-Lab	57.8841, 8.4373, -45.4686

Details

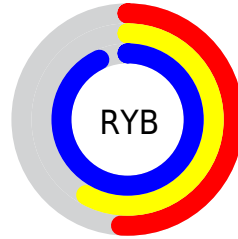
The YUV color **155.2860, 39.7920, -23.0528** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **209.7140, -39.7920, 23.0528**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1930, 24.0619, -17.7093**, and **101.9220, 38.4925, -26.2416** is the 20% darker color. If you saturate the color by 10%, you get **137.5440, 48.5388, -28.5411**, and if you desaturate by 10%, it is **173.0280, 31.0452, -17.5646**.

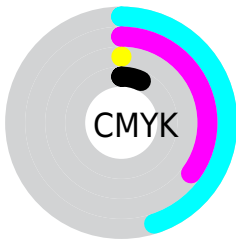
Distribution



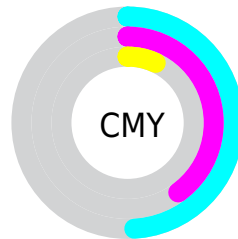
- Red (51%)
- Green (60%)
- Blue (93%)



- Red (51%)
- Yellow (58%)
- Blue (93%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (7%)



- Cyan (49%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.2860, 39.7920, -23.0528 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 155.2860, 39.7920, -23.0528 by changing the saturation by 10% instead.

■ 155.2860, 39.7920,
-23.0528

■ 155.2860, 39.7920,
-23.0528

255.0000, 0.0000,
0.0000

■ 128.4600, 39.2132,
-24.0824

■ 206.1930, 24.0619,
-17.7093

■ 101.9220, 38.4925,
-26.2416

■ 231.3000, 11.6841,
-14.2951

■ 76.0740, 37.9245,
-30.7599

■ 252.0100, 1.4741,
-6.1478

■ 47.2360, 38.8307,
-41.4260

■ 32.0590, 33.9879,
-28.1157

■ 17.4690, 28.8558,
-15.3203

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 155.2860, 39.7920,
-23.0528

■ 155.2860, 39.7920,
-23.0528

■ 137.5440, 48.5388,
-28.5411

■ 173.0280, 31.0452,
-17.5646

■ 119.5140, 57.4276,
-32.8998

■ 191.0580, 22.1564,
-13.2059

■ 101.7720, 66.1744,
-38.3880

■ 208.8000, 13.4096,
-7.7176

■ 84.3290, 74.7738,
-43.2615

■ 226.2430, 4.8102,
-2.8441

■ 66.0000, 83.8100,
-48.2350

■ 244.5720, -4.2260,
2.1294

■ 58.0150, 87.7466,
-50.8792

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



124.7590, 55.3348, -108.5366



155.2860, 39.7920, -23.0528



161.3260, 25.9683, 24.2701

Triad

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



155.2860, 39.7920, -23.0528



156.5180, -28.8494, 60.0587



131.9610, 1.9912, -78.8958

Complementary

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



155.2860, 39.7920, -23.0528



209.7140, -39.7920, 23.0528

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.



144.9230, -23.6260, -28.8735



155.2860, 39.7920, -23.0528



154.3290, -39.1092, 37.4225

Square

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



155.2860, 39.7920, -23.0528



157.8560, -11.2680, 67.6553



150.4840, -37.7066, 7.4685



124.8920, 26.6752, -109.5303

Rectangle

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



155.2860, 39.7920, -23.0528



161.1950, 14.6939, 47.1870



150.4840, -37.7066, 7.4685



138.1610, -7.9674, -58.0232

Sweetspot

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



155.2860, 39.7920, -23.0528



227.8000, 13.4096, -7.7176



201.1570, 4.8526, -63.2817



111.4430, 8.1626, -4.7735



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.



155.2860, 39.7920, -23.0528



150.9290, 51.3070, -29.7557



149.8690, 42.4626, 7.1309



108.4280, 4.2260, -2.1294



44.7010, 67.1954, -39.2028



13.2000, 20.1144, -11.5764

Inverse Universe

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



163.7290, -5.2894, 63.3817



161.7960, -6.8014, 81.7399



215.1310, -42.4626, -7.1309



109.5170, -0.7479, 6.5626



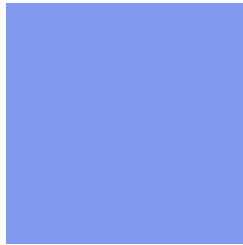
58.7930, -8.7719, 107.1755



17.5140, -2.7184, 31.9982

Previews

White Background



This preview shows how the YUV color 155.2860, 39.7920, -23.0528 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 155.2860, 39.7920, -23.0528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

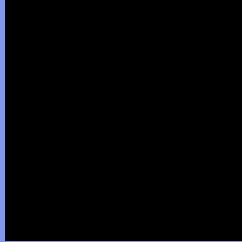
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.2860, 39.7920, -23.0528

Background



This preview shows how black text looks on a background with the YUV color 155.2860, 39.7920, -23.0528.



This preview shows how white text looks on a background with the YUV color 155.2860, 39.7920, -23.0528.

-23.0528.

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

155.2860, 39.7920, -23.0528

Protanopia

154.6880, 40.0868, -24.2824

Deuteranopia

153.3560, 40.2505, -30.1302



Tritanopia

150.9340, 13.3435, -33.2681

Trichromacy



Original Color

155.2860, 39.7920, -23.0528

Protanomaly

154.9870, 39.9394, -23.6676

Deuteranomaly

153.9650, 39.9503, -27.1563

Tritanomaly

152.7740, 22.7894, -29.6198

Monochromacy



Original Color

155.2860, 39.7920, -23.0528

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0280, 14.2832, -7.9176

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.2860, 39.7920, -23.0528 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(129, 153, 236)` looks like.

```
.text, #text, p{  
    color:rgb(129, 153, 236)  
}
```

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(129, 153, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 153, 236) }
```

Border

The CSS property to change the border of an element to YUV 155.2860, 39.7920, -23.0528 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(129, 153, 236) }
```


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

```
.border{ border-color:rgb(129, 153, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 153, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 153, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 153, 236);  
box-shadow:4px 4px 4px 4px rgb(129, 153,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 155.2860, 39.7920, -23.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 153, 236) }
```

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

```
.background{ background-color: rgb(129,  
153, 236) }
```

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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