

Converting Colors

YUV(123.0340, 58.6502,
-51.7728)

Have a look what the booklet for
YUV(123.0340, 58.6502, -51.7728)
contains.

YUV(123.0340, 58.6502, -51.7728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(123.0340, 58.6502,
-51.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	4082F2
RGB	64, 130, 242
RGB Percent	25%, 51%, 95%
CMY	0.7490, 0.4902, 0.0510
CMYK	0.74, 0.46, 0.00, 0.05
HSL	218°, 87%, 60%
HSV	218°, 74%, 95%
XYZ	26.1240, 23.4661, 87.1569
YIQ	123.0340, -75.2880, 20.8400

Conversions

Conversions Part 2

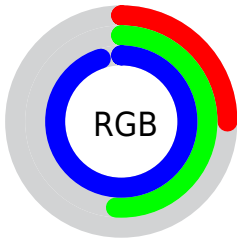
Format	Color
R _{YB}	64, 112, 242
Decimal	4227826
CIE _{Lab}	55.55, 16.69, -62.34
CIE _{LCh}	56, 64.534, 284.987
Y _{xy}	23.4661, 0.1910, 0.1716
Android (android.graphics.Color)	4282417906 (0xFF4082F2)
YUV	123.0340, 58.6502, -51.7728
Hunter-Lab	48.4418, 11.4895, -72.7659

Details

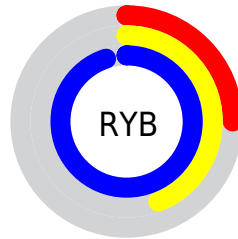
The YUV color **123.0340, 58.6502, -51.7728** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **182.9660, -58.6502, 51.7728**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6710, 39.1092, -37.4225**, and **69.2240, 57.0776, -60.7094** is the 20% darker color. If you saturate the color by 10%, you get **107.0530, 66.5289, -58.8055**, and if you desaturate by 10%, it is **139.0150, 50.7716, -44.7402**.

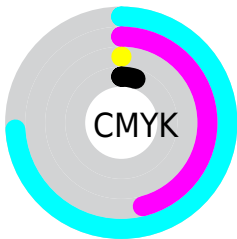
Distribution



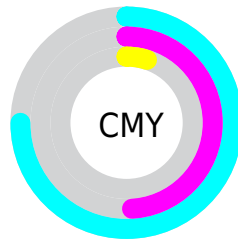
- Red (25%)
- Green (51%)
- Blue (95%)



- Red (25%)
- Yellow (44%)
- Blue (95%)



- Cyan (74%)
- Magenta (46%)
- Yellow (0%)
- Black (5%)



- Cyan (75%)
- Magenta (49%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0340, 58.6502, -51.7728 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 123.0340, 58.6502, -51.7728 by changing the saturation by 10% instead.

■ 123.0340, 58.6502,
-51.7728

■ 123.0340, 58.6502,
-51.7728

255.0000, 0.0000,
0.0000

■ 85.9170, 62.6519,
-75.3492

■ 175.6710, 39.1092,
-37.4225

■ 69.2240, 57.0776,
-60.7094

■ 201.3760, 26.4366,
-32.7788

■ 53.2320, 51.6506,
-46.6845

■ 227.0810, 13.7641,
-28.1350

■ 37.8270, 45.9343,
-33.1743

■ 246.3290, 4.2748,
-17.8285

■ 24.2970, 39.7866,
-21.3085

■ 14.9900, 32.0499,
-13.1462

■ 9.3190, 23.0137,

-8.1728

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 123.0340, 58.6502,
-51.7728

■ 123.0340, 58.6502,
-51.7728

■ 107.0530, 66.5289,
-58.8055

■ 139.0150, 50.7716,
-44.7402

■ 91.0720, 74.4075,
-65.8381

■ 154.9960, 42.8930,
-37.7075

■ 80.4180, 79.6599,
-70.5266

■ 171.8630, 34.5775,
-30.5749

■ 187.8440, 26.6989,
-23.5422

■ 203.8250, 18.8203,
-16.5095

■ 219.8060, 10.9416,
-9.4769

■ 236.3740, 2.7736,
-2.9590

■ 251.7570, -4.8102,
2.8441

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



113.8770, 63.1646, -99.8701



123.0340, 58.6502, -51.7728



137.0460, 37.4453, 29.7777

Triad

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



123.0340, 58.6502, -51.7728



127.8040, -35.8924, 79.1019



103.7870, -0.8810, -91.0212

Complementary

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



123.0340, 58.6502, -51.7728



182.9660, -58.6502, 51.7728

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.



113.6150, -33.3342, -41.7584



123.0340, 58.6502, -51.7728



124.8580, -61.5550, 50.1135

Square

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



123.0340, 58.6502, -51.7728



126.4770, -9.6022, 93.4207



121.3600, -59.8305, 10.2083



111.5730, 23.8745, -97.8495

Rectangle

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



123.0340, 58.6502, -51.7728



133.5960, 23.3702, 64.3753



121.3600, -59.8305, 10.2083



101.0340, -8.8908, -88.6068

Sweetspot

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



123.0340, 58.6502, -51.7728



217.7110, 18.3835, -16.4095



181.0260, -3.4638, -102.6318



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.



123.0340, 58.6502, -51.7728



105.2570, 73.8233, -65.1234



90.5710, 74.6545, -4.8858



111.7160, 4.0840, -3.2589



60.8920, 60.6922, -53.4023



18.7110, 18.3835, -16.4095

Inverse Universe

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



124.7460, 2.5902, 102.8318



107.4380, 3.2351, 129.4119



215.4290, -74.6545, 4.8858



112.0440, -0.0217, 6.9774



62.7680, 2.5794, 106.3205



19.1380, 0.9180, 32.3280

Previews

White Background



This preview shows how the YUV color 123.0340, 58.6502, -51.7728 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 123.0340, 58.6502, -51.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

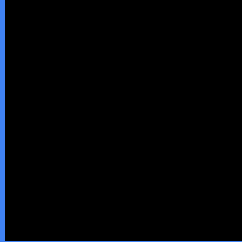
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

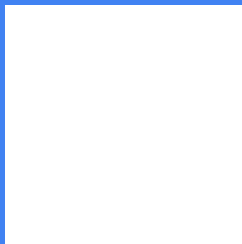
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.0340, 58.6502, -51.7728

Background



This preview shows how black text looks on a background with the YUV color 123.0340, 58.6502, -51.7728.



This preview shows how white text looks on a background with the YUV color 123.0340, 58.6502, -51.7728.

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

123.0340, 58.6502, -51.7728

Protanopia

125.5190, 56.4391, -42.5512

Tritanopia

104.3010, 26.4736, -91.4720

Trichromacy



Original Color

123.0340, 58.6502, -51.7728

Protanomaly

124.7250, 57.3236, -46.2398

Tritanomaly

111.1900, 38.3603, -77.3426

Monochromacy



Original Color

123.0340, 58.6502, -51.7728

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3840, 21.0097, -18.7538

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0340, 58.6502, -51.7728 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(64, 130, 242)` looks like.

```
.text, #text, p{  
    color:rgb(64, 130, 242)  
}
```

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(64, 130, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 130, 242) }
```

Border

The CSS property to change the border of an element to YUV 123.0340, 58.6502, -51.7728 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(64, 130, 242) }
```

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

```
.border{ border-color:rgb(64, 130, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 130, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 130, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 130, 242);  
box-shadow:4px 4px 4px 4px rgb(64, 130,  
242) }
```


Background

The CSS property to change the background color of an element to YUV 123.0340, 58.6502, -51.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 130, 242) }
```

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

```
.background{ background-color: rgb(64, 130,  
242) }
```

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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