

Converting Colors

YUV(139.6020, 47.0312,
-58.4100)

Have a look what the booklet for
YUV(139.6020, 47.0312, -58.4100)
contains.

YUV(139.6020, 47.0312, -58.4100)	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>	31

Color

**YUV(139.6020, 47.0312,
-58.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	499BEB
RGB	73, 155, 235
RGB Percent	29%, 61%, 92%
CMY	0.7137, 0.3922, 0.0784
CMYK	0.69, 0.34, 0.00, 0.08
HSL	210°, 80%, 60%
HSV	210°, 69%, 92%
XYZ	29.4644, 30.8573, 83.0004
YIQ	139.6020, -74.5520, 7.4960

Conversions

Conversions Part 2

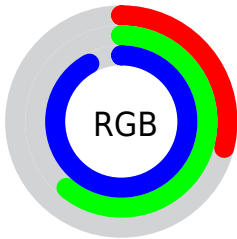
Format	Color
R_{YB}	73, 127, 235
Decimal	4824043
CIE Lab	62.39, 0.52, -47.55
CIE LCh	62, 47.552, 270.626
Yxy	30.8573, 0.2056, 0.2153
Android (android.graphics.Color)	4283014123 (0xFF499BEB)
YUV	139.6020, 47.0312, -58.4100
Hunter-Lab	55.5494, -2.5317, -49.7050

Details

The YUV color **139.6020, 47.0312, -58.4100** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **168.3980, -47.0312, 58.4100**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0150, 30.5586, -48.2482**, and **81.4540, 48.0902, -71.4352** is the 20% darker color. If you saturate the color by 10%, you get **125.6810, 53.8943, -66.3722**, and if you desaturate by 10%, it is **153.8220, 40.0208, -49.8329**.

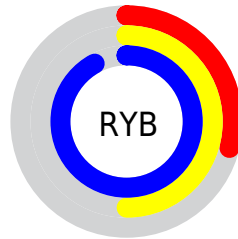
Distribution



Red (29%)

Green (61%)

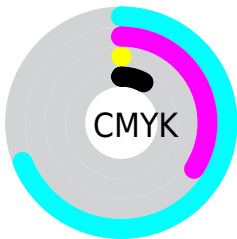
Blue (92%)



Red (29%)

Yellow (50%)

Blue (92%)

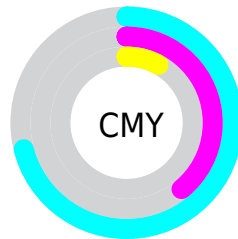


Cyan (69%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (71%)

Magenta (39%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.6020, 47.0312, -58.4100 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 139.6020, 47.0312, -58.4100 by changing the saturation by 10% instead.

■ 139.6020, 47.0312,
-58.4100

■ 139.6020, 47.0312,
-58.4100

■ 255.0000, 0.0000,
0.0000

■ 107.9920, 48.8109,
-69.2760

■ 193.0150, 30.5586,
-48.2482

■ 81.4540, 48.0902,
-71.4352

■ 218.4210, 18.0334,
-44.2192

■ 64.8750, 42.9526,
-56.8954

■ 238.2560, 8.2548,
-34.4275

■ 48.2960, 37.8151,
-42.3556

■ 247.2260, 3.8326,
-15.9842

■ 33.1190, 32.9723,
-29.0454

■ 17.9420, 28.1296,
-15.7351

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 139.6020, 47.0312,
-58.4100

■ 139.6020, 47.0312,
-58.4100

■ 125.6810, 53.8943,
-66.3722

■ 153.8220, 40.0208,
-49.8329

■ 112.0480, 60.6153,
-75.4641

■ 167.1560, 33.4471,
-41.3558

■ 97.8280, 67.6258,
-84.0412

■ 181.0770, 26.5840,
-33.3935

■ 96.6430, 68.2100,
-84.7559

■ 194.7100, 19.8630,
-24.3017

■ 208.9300, 12.8525,
-15.7246

■ 222.8510, 5.9895,
-7.7623

■ 236.4840, -0.7316,
1.3295

■ 248.6110, -6.7102,
5.6032

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



122.9780, 49.8038, -107.8517



139.6020, 47.0312, -58.4100



153.1750, 34.9167, 0.7235

Triad

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



139.6020, 47.0312, -58.4100



150.5650, -19.9985, 67.9105



134.2390, -12.9358, -51.0756

Complementary

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



139.6020, 47.0312, -58.4100



168.3980, -47.0312, 58.4100

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.



142.5250, -33.2898, -9.2304



139.6020, 47.0312, -58.4100



149.1550, -35.0794, 51.6071

Square

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



139.6020, 47.0312, -58.4100



152.7060, -0.3481, 65.1558



146.9700, -41.3972, 24.5823



118.0640, 15.7444, -103.5421

Rectangle

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



139.6020, 47.0312, -58.4100



155.3160, 24.4942, 30.4179



146.9700, -41.3972, 24.5823



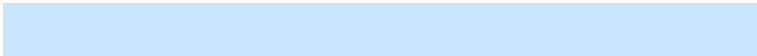
137.8620, -21.1310, -35.8360

Sweetspot

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



139.6020, 47.0312, -58.4100



223.5920, 15.4841, -19.8132



176.9860, -12.8111, -91.1957



109.0400, 9.3473, -11.4361



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.



139.6020, 47.0312, -58.4100



129.9770, 61.6363, -76.2788



93.2290, 69.8931, -17.7408



110.7760, 3.0684, -4.1886



74.6380, 52.4365, -65.4575



22.0050, 15.7735, -19.2984

Inverse Universe

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



130.7860, 11.9375, 91.3957



118.5860, 15.4871, 119.6351



214.7710, -69.8931, 17.7408



109.9730, 0.9993, 6.1627



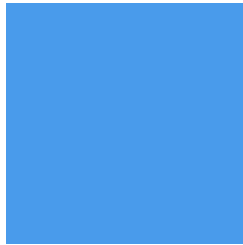
64.6070, 13.5047, 102.0767



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 139.6020, 47.0312, -58.4100 looks on a white background.

Color Contrast Check

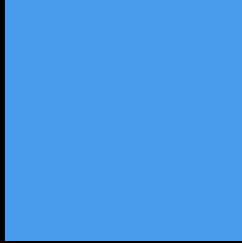
Large Text (above 18pt) WCAG AA × Fail

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 139.6020, 47.0312, -58.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

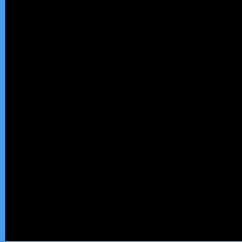
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

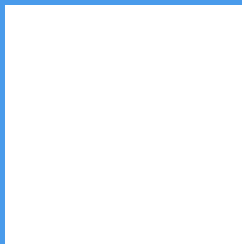
Any Text WCAG AAA ✓ Pass

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

YUV 139.6020, 47.0312, -58.4100 Background



This preview shows how black text looks on a background with the YUV color 139.6020, 47.0312, -58.4100.



This preview shows how white text looks on a background with the YUV color 139.6020, 47.0312, -58.4100.

-58.4100.

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

139.6020, 47.0312, -58.4100

Protanopia

148.4600, 39.2132, -24.0824

Deuteranopia

145.7510, 44.4928, -37.4926



Tritanopia

127.2310, 26.0151, -84.3946

Trichromacy



Original Color

139.6020, 47.0312, -58.4100

Protanomaly

145.4800, 42.1614, -36.3780

Deuteranomaly

143.6360, 45.5355, -45.2848

Tritanomaly

131.6480, 33.6975, -75.1133

Monochromacy



Original Color

139.6020, 47.0312, -58.4100

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7490, 17.3787, -20.8279

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6020, 47.0312, -58.4100 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(73, 155, 235)` looks like.

```
.text, #text, p{  
    color:rgb(73, 155, 235)  
}
```

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(73, 155, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 155, 235) }
```

Border

The CSS property to change the border of an element to YUV 139.6020, 47.0312, -58.4100 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(73, 155, 235) }
```


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

```
.border{ border-color:rgb(73, 155, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 155, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 155, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 155, 235);  
box-shadow:4px 4px 4px 4px rgb(73, 155,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 139.6020, 47.0312, -58.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 155, 235) }
```

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

```
.background{ background-color: rgb(73, 155,  
235) }
```

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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