

Converting Colors

YUV(139.5790, 51.9726,
-56.6358)

Have a look what the booklet for
YUV(139.5790, 51.9726, -56.6358)
contains.

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Color

**YUV(139.5790, 51.9726,
-56.6358)**

Conversions

Conversions Part 1

Format	Color
Hex	4B98F5
RGB	75, 152, 245
RGB Percent	29%, 60%, 96%
CMY	0.7059, 0.4039, 0.0392
CMYK	0.69, 0.38, 0.00, 0.04
HSL	213°, 89%, 63%
HSV	213°, 69%, 96%
XYZ	30.6113, 30.5449, 90.6686
YIQ	139.5790, -75.7450, 12.5990

Conversions

Conversions Part 2

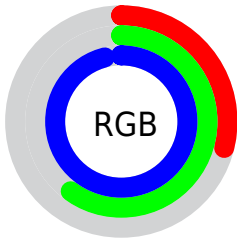
Format	Color
RYB	75, 128, 245
Decimal	4954357
CIELab	62.12, 6.00, -53.47
CIElCh	62, 53.804, 276.401
Yxy	30.5449, 0.2016, 0.2012
Android (android.graphics.Color)	4283144437 (0xFF4B98F5)
YUV	139.5790, 51.9726, -56.6358
Hunter-Lab	55.2674, 2.1489, -58.5805

Details

The YUV color **139.5790, 51.9726, -56.6358** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **180.4210, -51.9726, 56.6358**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1510, 30.9846, -44.8594**, and **81.3060, 52.6001, -71.3054** is the 20% darker color. If you saturate the color by 10%, you get **124.4730, 59.4198, -65.3128**, and if you desaturate by 10%, it is **154.3860, 44.6727, -48.5735**.

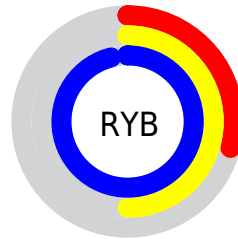
Distribution



Red (29%)

Green (60%)

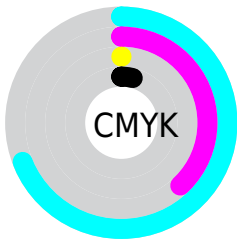
Blue (96%)



Red (29%)

Yellow (50%)

Blue (96%)

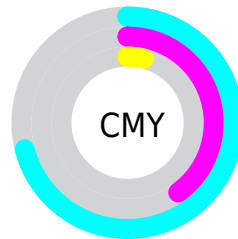


Cyan (69%)

Magenta (38%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (40%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.5790, 51.9726, -56.6358 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 139.5790, 51.9726, -56.6358 by changing the saturation by 10% instead.

■ 139.5790, 51.9726,
-56.6358

■ 139.5790, 51.9726,
-56.6358

255.0000, 0.0000,
0.0000

■ 107.5560, 53.4629,
-68.0166

■ 192.1510, 30.9846,
-44.8594

■ 81.3060, 52.6001,
-71.3054

■ 217.8560, 18.3120,
-40.2157

■ 64.1400, 47.7520,
-56.2508

■ 239.1530, 7.8126,
-32.5832

■ 48.1480, 42.3250,
-42.2258

■ 248.4220, 3.2430,
-13.5251

■ 33.4440, 36.7561,
-29.3304

■ 17.6800, 32.2028,
-15.5054

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 139.5790, 51.9726,
-56.6358

■ 139.5790, 51.9726,
-56.6358

■ 124.4730, 59.4198,
-65.3128

■ 154.3860, 44.6727,
-48.5735

■ 109.0790, 67.0091,
-72.8603

■ 170.0790, 36.9361,
-40.4113

■ 93.9730, 74.4563,
-81.5373

■ 184.8860, 29.6362,
-32.3490

■ 93.0870, 74.8931,
-81.6373

■ 200.5790, 21.8996,
-24.1868

■ 215.3860, 14.5997,
-16.1245

■ 230.4920, 7.1524,
-7.4475

■ 245.8860, -0.4368,
0.1000

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



123.8730, 55.7716, -108.6366



139.5790, 51.9726, -56.6358



153.5830, 36.1946, 10.8897

Triad

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



139.5790, 51.9726, -56.6358



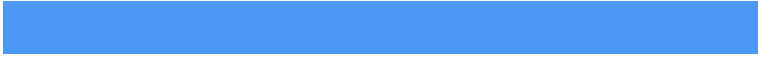
148.4040, -25.8352, 73.3137



123.6810, -6.7447, -76.8962

Complementary

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



139.5790, 51.9726, -56.6358



180.4210, -51.9726, 56.6358

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.



138.5300, -34.2783, -18.8818



139.5790, 51.9726, -56.6358



147.5050, -42.6470, 52.1771

Square

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



139.5790, 51.9726, -56.6358



149.8600, -3.8750, 76.4218



144.0420, -47.3487, 20.1342



120.2640, 19.0968, -105.4715

Rectangle

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



139.5790, 51.9726, -56.6358



154.3930, 24.4563, 42.6283



144.0420, -47.3487, 20.1342



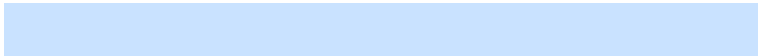
131.5610, -18.0246, -52.2350

Sweetspot

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



139.5790, 51.9726, -56.6358



221.8310, 16.3523, -18.2688



185.1640, -9.4479, -96.6138



107.8660, 9.9261, -10.4065



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.



139.5790, 51.9726, -56.6358



123.5200, 64.8196, -70.6160



96.1740, 73.3712, -13.3076



114.8900, 3.5052, -4.2885



70.5120, 56.9356, -61.8390



22.5750, 17.9575, -19.7983

Inverse Universe

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



134.6080, 8.5743, 96.8138



117.3320, 10.6823, 120.7348



223.8260, -73.3712, 13.3076



114.2720, 0.8519, 6.7775



65.1900, 9.2733, 105.9504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 139.5790, 51.9726, -56.6358 looks on a white background.

Color Contrast Check

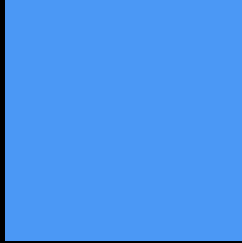
Large Text (above 18pt) WCAG AA × Fail

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 139.5790, 51.9726, -56.6358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

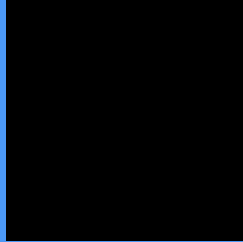
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

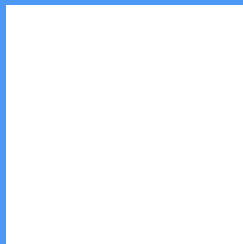
Any Text WCAG AAA ✓ Pass

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

YUV 139.5790, 51.9726, -56.6358 Background



This preview shows how black text looks on a background with the YUV color 139.5790, 51.9726, -56.6358.



This preview shows how white text looks on a background with the YUV color 139.5790, 51.9726, -56.6358.

-56.6358.

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

139.5790, 51.9726, -56.6358

Protanopia

146.8490, 45.9234, -29.6856

Deuteranopia

142.2920, 50.6350, -47.6141



Tritanopia

121.4360, 28.3791, -95.9754

Trichromacy



Original Color

139.5790, 51.9726, -56.6358

Protanomaly

144.0650, 48.2820, -39.5220

Deuteranomaly

141.3840, 51.0827, -51.2028

Tritanomaly

128.1140, 36.9188, -81.6610

Monochromacy



Original Color

139.5790, 51.9726, -56.6358

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.5040, 18.9785, -20.6130

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.5790, 51.9726, -56.6358 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(75, 152, 245)` looks like.

```
.text, #text, p{  
    color:rgb(75, 152, 245)  
}
```

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(75, 152, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 152, 245) }
```

Border

The CSS property to change the border of an element to YUV 139.5790, 51.9726, -56.6358 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(75, 152, 245) }
```


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

```
.border{ border-color:rgb(75, 152, 245) }
```

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

Here you see how a box with a 4 pixel rgb(75, 152, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 152, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 152, 245);  
box-shadow:4px 4px 4px 4px rgb(75, 152,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 139.5790, 51.9726, -56.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 152, 245) }
```

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

```
.background{ background-color: rgb(75, 152,  
245) }
```

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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