

Converting Colors

YUV(139.1890, 36.8818,
-22.9678)

Have a look what the booklet for
YUV(139.1890, 36.8818, -22.9678)
contains.

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Color

**YUV(139.1890, 36.8818,
-22.9678)**

Conversions

Conversions Part 1

Format	Color
Hex	718AD6
RGB	113, 138, 214
RGB Percent	44%, 54%, 84%
CMY	0.5569, 0.4588, 0.1608
CMYK	0.47, 0.36, 0.00, 0.16
HSL	225°, 55%, 64%
HSV	225°, 47%, 84%
XYZ	28.0361, 26.5427, 67.2639
YIQ	139.1890, -39.2960, 18.3360

Conversions

Conversions Part 2

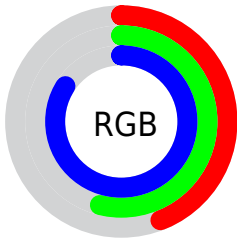
Format	Color
R_{YB}	113, 133, 214
Decimal	7441110
CIE Lab	58.55, 11.51, -41.80
CIE LCh	59, 43.357, 285.388
Yxy	26.5427, 0.2301, 0.2178
Android (android.graphics.Color)	4285631190 (0xFF718AD6)
YUV	139.1890, 36.8818, -22.9678
Hunter-Lab	51.5196, 6.9774, -41.3452

Details

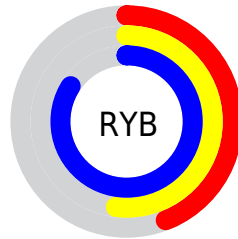
The YUV color $139.1890, 36.8818, -22.9678$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $187.8110, -36.8818, 22.9678$, and the grayscale version is $139.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.7180, 31.1980, -19.9237$, and $86.5260, 35.7297, -26.7713$ is the 20% darker color. If you saturate the color by 10%, you get $123.5180, 44.6076, -27.6413$, and if you desaturate by 10%, it is $154.8600, 29.1560, -18.2942$.

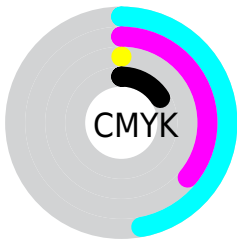
Distribution



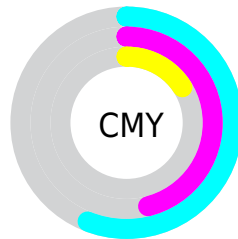
- Red (44%)
- Green (54%)
- Blue (84%)



- Red (44%)
- Yellow (52%)
- Blue (84%)



- Cyan (47%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (46%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.1890, 36.8818, -22.9678 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 139.1890, 36.8818, -22.9678 by changing the saturation by 10% instead.

■ 139.1890, 36.8818,
-22.9678

■ 139.1890, 36.8818,
-22.9678

255.0000, 0.0000,
0.0000

■ 112.9500, 36.0136,
-24.5122

■ 191.7180, 31.1980,
-19.9237

■ 86.5260, 35.7297,
-26.7713

■ 216.8250, 18.8203,
-16.5095

■ 59.4820, 35.7514,
-33.7487

■ 241.9320, 6.4425,
-13.0954

■ 38.0260, 34.0042,
-33.3488

■ 23.4360, 28.8721,
-20.5534

■ 7.3130, 25.4817,
-6.4135

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 139.1890, 36.8818,
-22.9678

■ 139.1890, 36.8818,
-22.9678

■ 123.5180, 44.6076,
-27.6413

■ 154.8600, 29.1560,
-18.2942

■ 107.5480, 52.4808,
-32.9296

■ 170.8300, 21.2828,
-13.0059

■ 91.8770, 60.2066,
-37.6031

■ 186.5010, 13.5570,
-8.3324

■ 75.9070, 68.0798,
-42.8914

■ 202.4710, 5.6838,
-3.0441

■ 59.6490, 76.0950,
-47.0502

■ 218.7290, -2.3314,
1.1147

■ 55.5070, 78.1370,
-48.6796

■ 234.4000,
-10.0572, 5.7882

■ 247.9780,
-16.7512, 6.1583

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



112.4460, 50.0661, -98.6151



139.1890, 36.8818, -22.9678



144.8480, 24.2319, 21.1813

Triad

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



139.1890, 36.8818, -22.9678



140.2940, -25.7809, 55.8702



118.0760, 0.9485, -71.1037

Complementary

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



139.1890, 36.8818, -22.9678



187.8110, -36.8818, 22.9678

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.



130.7000, -22.0371, -25.1699



139.1890, 36.8818, -22.9678



138.5290, -35.7568, 35.4931

Square

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



139.1890, 36.8818, -22.9678



141.6920, -9.2152, 62.5371



135.5810, -34.7964, 7.3835



112.1600, 23.5851, -98.3643

Rectangle

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



139.1890, 36.8818, -22.9678



144.3470, 14.1259, 42.6687



135.5810, -34.7964, 7.3835



124.4930, -8.1310, -52.1754

Sweetspot

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



139.1890, 36.8818, -22.9678



228.3870, 13.1202, -8.2324



180.9510, 3.9682, -59.5930



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.



139.1890, 36.8818, -22.9678



147.6620, 52.9176, -33.0296



131.9890, 40.4314, 5.2716



99.0150, 3.9366, -2.6442



44.1480, 62.5380, -38.7178



11.3590, 15.5990, -9.9618

Inverse Universe

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



146.0490, -3.9682, 59.5930



157.4590, -5.6493, 85.5435



195.0110, -40.4314, -5.2716



99.6310, -0.3111, 6.4626



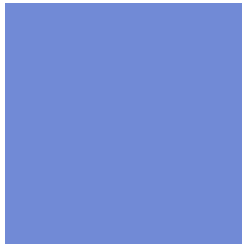
55.9170, -6.8611, 100.9278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 139.1890, 36.8818, -22.9678 looks on a white background.

Color Contrast Check

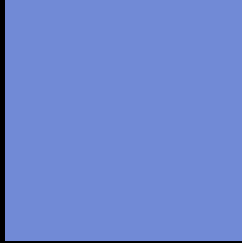
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.1890, 36.8818, -22.9678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

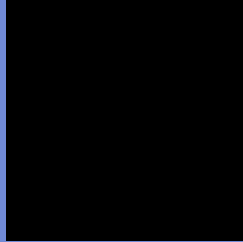
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.1890, 36.8818, -22.9678

Background



This preview shows how black text looks on a background with the YUV color 139.1890, 36.8818, -22.9678.



This preview shows how white text looks on a background with the YUV color 139.1890, 36.8818, -22.9678.

-22.9678.

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

139.1890, 36.8818, -22.9678

Protanopia

139.4880, 36.7344, -22.3530

Deuteranopia

137.9710, 37.4823, -28.9156



Tritanopia

134.8200, 12.9067, -33.1681

Trichromacy



Original Color

139.1890, 36.8818, -22.9678

Protanomaly

139.4880, 36.7344, -22.3530

Deuteranomaly

138.2810, 37.3295, -26.5564

Tritanomaly

136.4320, 21.4790, -29.3199

Monochromacy



Original Color

139.1890, 36.8818, -22.9678

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.3870, 13.1202, -8.2324

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.1890, 36.8818, -22.9678 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(113, 138, 214)` looks like.

```
.text, #text, p{  
    color:rgb(113, 138, 214)  
}
```

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(113, 138, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 138, 214) }
```

Border

The CSS property to change the border of an element to YUV 139.1890, 36.8818, -22.9678 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(113, 138, 214) }
```


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

```
.border{ border-color:rgb(113, 138, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 138, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 138, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 138, 214);  
box-shadow:4px 4px 4px 4px rgb(113, 138,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 139.1890, 36.8818, -22.9678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 138, 214) }
```

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

```
.background{ background-color: rgb(113,  
138, 214) }
```

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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