

Converting Colors

YUV(139.5870, 29.7836,
-32.9638)

Have a look what the booklet for
YUV(139.5870, 29.7836, -32.9638)
contains.

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Color

**YUV(139.5870, 29.7836,
-32.9638)**

Conversions

Conversions Part 1

Format	Color
Hex	6693C8
RGB	102, 147, 200
RGB Percent	40%, 58%, 78%
CMY	0.6000, 0.4235, 0.2157
CMYK	0.49, 0.27, 0.00, 0.22
HSL	212°, 47%, 59%
HSV	212°, 49%, 78%
XYZ	26.3385, 27.8623, 58.6334
YIQ	139.5870, -43.8330, 6.9430

Conversions

Conversions Part 2

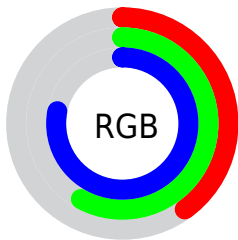
Format	Color
R_{YB}	102, 133, 200
Decimal	6722504
CIE _{Lab}	59.76, -0.59, -32.09
CIE _{LCh}	60, 32.092, 268.943
Yxy	27.8623, 0.2334, 0.2469
Android (android.graphics.Color)	4284912584 (0xFF6693C8)
YUV	139.5870, 29.7836, -32.9638
Hunter-Lab	52.7848, -3.3055, -28.9100

Details

The YUV color **139.5870, 29.7836, -32.9638** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **162.4130, -29.7836, 32.9638**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.2990, 29.9256, -31.8342**, and **87.0380, 29.0683, -36.8673** is the 20% darker color. If you saturate the color by 10%, you get **127.1500, 35.9151, -39.5965**, and if you desaturate by 10%, it is **152.0240, 23.6522, -26.3310**.

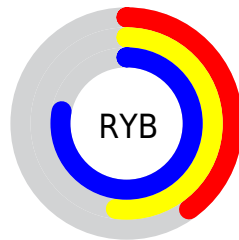
Distribution



Red (40%)

Green (58%)

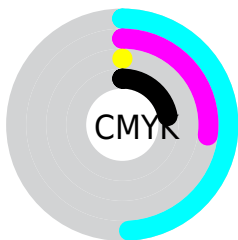
Blue (78%)



Red (40%)

Yellow (52%)

Blue (78%)

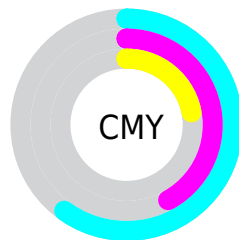


Cyan (49%)

Magenta (27%)

Yellow (0%)

Black (22%)



Cyan (60%)

Magenta (42%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.5870, 29.7836, -32.9638 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 139.5870, 29.7836, -32.9638 by changing the saturation by 10% instead.

■ 139.5870, 29.7836,
-32.9638

■ 139.5870, 29.7836,
-32.9638

■ 255.0000, 0.0000,
0.0000

■ 112.8750, 29.6416,
-34.0934

■ 194.2990, 29.9256,
-31.8342

■ 87.0380, 29.0683,
-36.8673

■ 219.1070, 17.6952,
-29.0348

■ 56.8300, 31.1428,
-48.9629

■ 243.0400, 5.8963,
-24.5911

■ 40.7670, 26.7369,
-35.7527

■ 251.7110, 1.6215,
-6.7625

■ 25.7040, 22.3309,
-22.5424

■ 7.8200, 19.8087,
-6.8581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 139.5870, 29.7836,
-32.9638

■ 139.5870, 29.7836,
-32.9638

■ 127.1500, 35.9151,
-39.5965

■ 152.0240, 23.6522,
-26.3310

■ 114.7130, 42.0465,
-46.2293

■ 164.4610, 17.5207,
-19.6983

■ 102.8630, 47.8885,
-53.3769

■ 176.3110, 11.6787,
-12.5507

■ 90.4260, 54.0200,
-60.0096

■ 188.7480, 5.5472,
-5.9180

■ 77.9890, 60.1514,
-66.6424

■ 201.1850, -0.5842,
0.7148

■ 76.8040, 60.7356,
-67.3571

■ 213.6220, -6.7156,
7.3475

■ 226.0590,
-12.8471, 13.9803

■ 236.4030,
-17.9467, 16.3096

■ 242.2730,
-20.8406, 11.1616

Harmonies

Analogous

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



129.3180, 30.9022, -65.1769



139.5870, 29.7836, -32.9638



146.0750, 23.1340, -0.0658

Triad

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



139.5870, 29.7836, -32.9638



145.4420, -13.5289, 46.0934



134.7670, -10.2381, -29.6137

Complementary

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



139.5870, 29.7836, -32.9638



162.4130, -29.7836, 32.9638

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.



138.8320, -22.1022, -4.2377



139.5870, 29.7836, -32.9638



144.0420, -23.6847, 36.7972

Square

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



139.5870, 29.7836, -32.9638



147.1610, -0.5724, 43.7088



142.3080, -27.2668, 19.0239



128.6570, 6.5781, -56.7042

Rectangle

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



139.5870, 29.7836, -32.9638



147.4750, 16.5278, 18.8774



142.3080, -27.2668, 19.0239



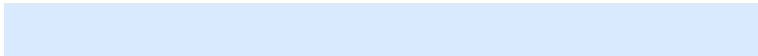
136.8560, -15.2120, -20.9217

Sweetspot

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



139.5870, 29.7836, -32.9638



231.3110, 11.6787, -12.5507



165.4540, -5.6468, -55.6492



113.4920, 7.1524, -7.4475



0.0000, 0.0000, 0.0000



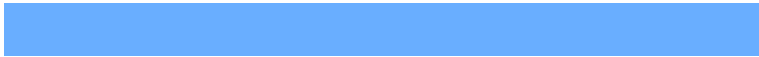
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



139.5870, 29.7836, -32.9638



162.6030, 45.5517, -50.5178



114.0690, 42.3640, -7.9535



93.3740, 2.7736, -2.9590



62.6070, 49.4937, -54.9063



13.4960, 11.0945, -11.8360

Inverse Universe

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



136.4320, 5.2100, 55.7491



157.7160, 8.0280, 85.3181



187.9310, -42.3640, 7.9535



93.1470, 0.4205, 5.1331



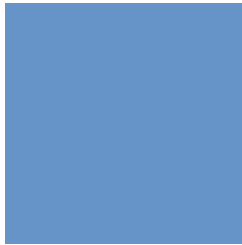
57.2870, 8.7325, 92.7103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 139.5870, 29.7836, -32.9638 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 139.5870, 29.7836, -32.9638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

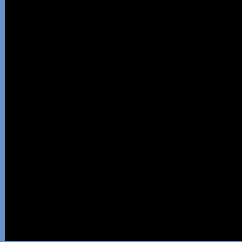
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

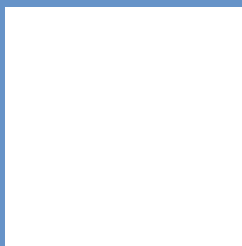
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 139.5870, 29.7836, -32.9638

Background



This preview shows how black text looks on a background with the YUV color 139.5870, 29.7836, -32.9638.



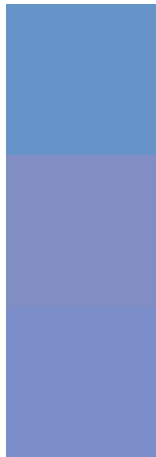
This preview shows how white text looks on a background with the YUV color 139.5870, 29.7836, -32.9638.

-32.9638.

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

139.5870, 29.7836, -32.9638

Protanopia

143.9700, 25.6508, -14.0057

Deuteranopia

143.0450, 28.5718, -17.5795



Tritanopia

135.9440, 14.8176, -39.4159

Trichromacy



Original Color

139.5870, 29.7836, -32.9638

Protanomaly

142.5670, 26.8355, -20.6683

Deuteranomaly

141.8270, 29.1723, -23.5273

Tritanomaly

137.3340, 20.0483, -37.1269

Monochromacy



Original Color

139.5870, 29.7836, -32.9638

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0830, 10.8051, -12.3508

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.5870, 29.7836, -32.9638 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(102, 147, 200)` looks like.

```
.text, #text, p{  
    color:rgb(102, 147, 200)  
}
```

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(102, 147, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 147, 200) }
```

Border

The CSS property to change the border of an element to YUV 139.5870, 29.7836, -32.9638 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(102, 147, 200) }
```


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

```
.border{ border-color:rgb(102, 147, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 147, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 147, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 147, 200);  
box-shadow:4px 4px 4px 4px rgb(102, 147,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 139.5870, 29.7836, -32.9638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 147, 200) }
```

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

```
.background{ background-color: rgb(102,  
147, 200) }
```

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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