

Converting Colors

YUV(127.7210, 36.6195,
-32.2043)

Have a look what the booklet for
YUV(127.7210, 36.6195, -32.2043)
contains.

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Color

**YUV(127.7210, 36.6195,
-32.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	5B84CA
RGB	91, 132, 202
RGB Percent	36%, 52%, 79%
CMY	0.6431, 0.4824, 0.2078
CMYK	0.55, 0.35, 0.00, 0.21
HSL	218°, 51%, 57%
HSV	218°, 55%, 79%
XYZ	23.2263, 22.9909, 59.0907
YIQ	127.7210, -46.9060, 13.0780

Conversions

Conversions Part 2

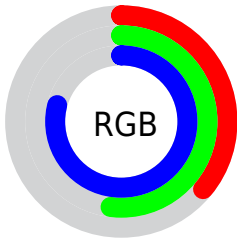
Format	Color
R_{YB}	91, 121, 202
Decimal	5997770
CIE Lab	55.06, 6.29, -40.61
CIE LCh	55, 41.098, 278.804
Yxy	22.9909, 0.2206, 0.2183
Android (android.graphics.Color)	4284187850 (0xFF5B84CA)
YUV	127.7210, 36.6195, -32.2043
Hunter-Lab	47.9489, 2.5544, -39.5029

Details

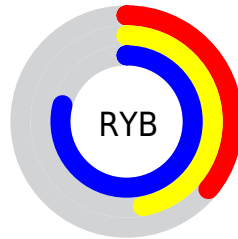
The YUV color $127.7210, 36.6195, -32.2043$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $165.2790, -36.6195, 32.2043$, and the grayscale version is $127.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.9170, 36.0299, -29.7452$, and $73.2530, 36.3573, -41.4409$ is the 20% darker color. If you saturate the color by 10%, you get $114.1100, 43.3298, -37.8075$, and if you desaturate by 10%, it is $141.3320, 29.9093, -26.6012$.

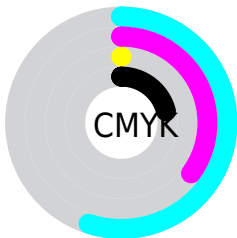
Distribution



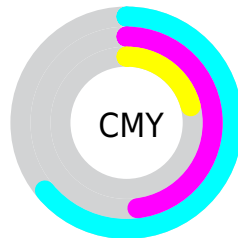
- Red (36%)
- Green (52%)
- Blue (79%)



- Red (36%)
- Yellow (47%)
- Blue (79%)



- Cyan (55%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (64%)
- Magenta (48%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7210, 36.6195, -32.2043 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 127.7210, 36.6195, -32.2043 by changing the saturation by 10% instead.

■ 127.7210, 36.6195,
-32.2043

■ 127.7210, 36.6195,
-32.2043

■ 255.0000, 0.0000,
0.0000

■ 100.8840, 36.0462,
-34.9783

■ 181.9170, 36.0299,
-29.7452

■ 73.2530, 36.3573,
-41.4409

■ 206.1380, 24.0890,
-26.4310

■ 49.0140, 35.4891,
-42.9853

■ 231.8320, 11.4218,
-23.5317

■ 33.8370, 30.6464,
-29.6750

■ 249.0200, 2.9481,
-12.2955

■ 19.3610, 25.9510,
-16.9796

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 127.7210, 36.6195,
-32.2043

■ 127.7210, 36.6195,
-32.2043

■ 114.1100, 43.3298,
-37.8075

■ 141.3320, 29.9093,
-26.6012

■ 101.0860, 49.7506,
-43.9254

■ 154.3560, 23.4885,
-20.4832

■ 87.1760, 56.6082,
-50.1434

■ 168.2660, 16.6309,
-14.2653

■ 73.5650, 63.3185,
-55.7465

■ 181.8770, 9.9206,
-8.6621

■ 67.0530, 66.5289,
-58.8055

■ 195.4880, 3.2104,
-3.0590

■ 208.5120, -3.2104,
3.0590

■ 222.1230, -9.9206,
8.6621

■ 236.0330,
-16.7783, 14.8801

■ 244.2620,
-20.8352, 9.4172

Harmonies

Analogous

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



105.9260, 45.3925, -92.8971



127.7210, 36.6195, -32.2043



134.8360, 25.7169, 11.5448

Triad

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



127.7210, 36.6195, -32.2043



131.5480, -20.9762, 54.7704



114.6930, -4.7786, -54.1048

Complementary

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



127.7210, 36.6195, -32.2043



165.2790, -36.6195, 32.2043

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.



123.7720, -24.5376, -16.4630



127.7210, 36.6195, -32.2043



130.4630, -32.2733, 38.1819

Square

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



127.7210, 36.6195, -32.2043



133.3970, -5.1257, 57.5338



127.5540, -33.7971, 13.5461



104.2380, 18.6167, -91.4167

Rectangle

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



127.7210, 36.6195, -32.2043



135.8620, 16.3370, 33.4470



127.5540, -33.7971, 13.5461



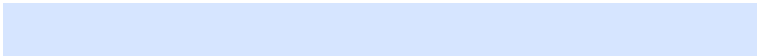
118.8320, -12.2422, -40.1947

Sweetspot

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



127.7210, 36.6195, -32.2043



227.4790, 13.5679, -11.8211



163.9090, -2.4201, -63.9412



111.1330, 8.3154, -7.1326



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.



127.7210, 36.6195, -32.2043



142.5460, 55.4398, -48.7138



107.5410, 46.5683, -3.1055



95.4880, 3.2104, -3.0590



54.7310, 54.8556, -47.9991



12.5500, 12.5468, -11.0064

Inverse Universe

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



128.8630, 1.5465, 64.1411



144.3000, 2.3171, 97.0839



185.4590, -46.5683, 3.1055



95.4460, 0.2731, 5.7479



56.5880, 2.1751, 95.9543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 127.7210, 36.6195, -32.2043 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 127.7210, 36.6195, -32.2043 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 127.7210, 36.6195, -32.2043

Background



This preview shows how black text looks on a background with the YUV color 127.7210, 36.6195, -32.2043.

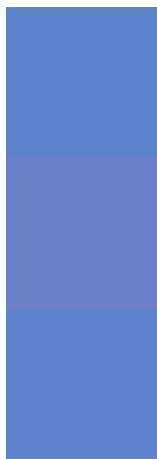


This preview shows how white text looks on a background with the YUV color 127.7210, 36.6195, -32.2043.

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

127.7210, 36.6195, -32.2043

Protanopia

130.4020, 33.8188, -20.5236

Deuteranopia

128.3300, 36.3193, -29.2304



Tritanopia

122.6230, 14.9759, -43.5194

Trichromacy



Original Color

127.7210, 36.6195, -32.2043

Protanomaly

129.3090, 34.8507, -24.8270

Deuteranomaly

128.0310, 36.4667, -29.8452

Tritanomaly

124.4200, 22.9639, -38.9563

Monochromacy



Original Color

127.7210, 36.6195, -32.2043

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7780, 13.4204, -11.2063

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7210, 36.6195, -32.2043 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(91, 132, 202)` looks like.

```
.text, #text, p{  
    color:rgb(91, 132, 202)  
}
```

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(91, 132, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 132, 202) }
```

Border

The CSS property to change the border of an element to YUV 127.7210, 36.6195, -32.2043 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(91, 132, 202) }
```


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

```
.border{ border-color:rgb(91, 132, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 132, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 132, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 132, 202);  
box-shadow:4px 4px 4px 4px rgb(91, 132,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 127.7210, 36.6195, -32.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 132, 202) }
```

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

```
.background{ background-color: rgb(91, 132,  
202) }
```

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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