

Converting Colors

YUV(129.0550, 30.0459,
-23.7272)

Have a look what the booklet for
YUV(129.0550, 30.0459, -23.7272)
contains.

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Color

**YUV(129.0550, 30.0459,
-23.7272)**

Conversions

Conversions Part 1

Format	Color
Hex	6683BE
RGB	102, 131, 190
RGB Percent	40%, 51%, 75%
CMY	0.6000, 0.4863, 0.2549
CMYK	0.46, 0.31, 0.00, 0.25
HSL	220°, 40%, 57%
HSV	220°, 46%, 75%
XYZ	22.8901, 22.7751, 51.9048
YIQ	129.0550, -36.2230, 12.2010

Conversions

Conversions Part 2

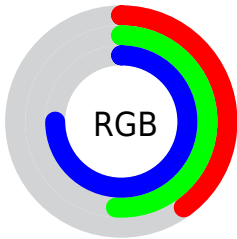
Format	Color
R_{YB}	102, 124, 190
Decimal	6718398
CIE _{Lab}	54.84, 5.74, -34.10
CIE _{LCh}	55, 34.577, 279.549
Yxy	22.7751, 0.2346, 0.2334
Android (android.graphics.Color)	4284908478 (0xFF6683BE)
YUV	129.0550, 30.0459, -23.7272
Hunter-Lab	47.7232, 2.1003, -31.0788

Details

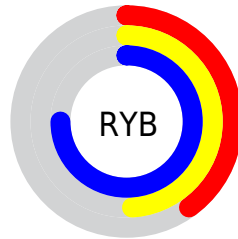
The YUV color **129.0550, 30.0459, -23.7272** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **162.9450, -30.0459, 23.7272**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1090, 31.4983, -22.8976**, and **77.6910, 28.7463, -26.9160** is the 20% darker color. If you saturate the color by 10%, you get **115.7430, 36.6087, -28.7156**, and if you desaturate by 10%, it is **142.3670, 23.4831, -18.7389**.

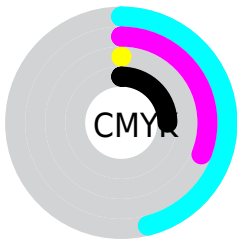
Distribution



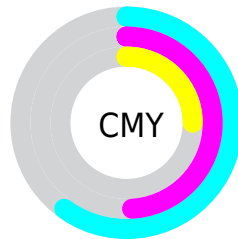
- Red (40%)
- Green (51%)
- Blue (75%)



- Red (40%)
- Yellow (49%)
- Blue (75%)



- Cyan (46%)
- Magenta (31%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.0550, 30.0459, -23.7272 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 129.0550, 30.0459, -23.7272 by changing the saturation by 10% instead.

■ 129.0550, 30.0459,
-23.7272

■ 129.0550, 30.0459,
-23.7272

255.0000, 0.0000,
0.0000

■ 103.2290, 29.4671,
-24.7568

■ 183.1090, 31.4983,
-22.8976

■ 77.6910, 28.7463,
-26.9160

■ 208.2420, 23.0517,
-20.3832

■ 50.5760, 29.7890,
-34.7082

■ 233.9360, 10.3846,
-17.4839

■ 32.1100, 26.5678,
-28.1605

■ 251.4120, 1.7689,
-7.3773

■ 17.0470, 22.1618,
-14.9502

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 129.0550, 30.0459,
-23.7272

■ 129.0550, 30.0459,
-23.7272

■ 115.7430, 36.6087,
-28.7156

■ 142.3670, 23.4831,
-18.7389

■ 103.0180, 42.8821,
-34.2188

■ 155.0920, 17.2096,
-13.2357

■ 89.7060, 49.4449,
-39.2072

■ 168.4040, 10.6468,
-8.2473

■ 76.3940, 56.0078,
-44.1955

■ 181.7160, 4.0840,
-3.2589

■ 63.0820, 62.5706,
-49.1839

■ 195.0280, -2.4788,
1.7294

■ 58.6410, 64.7600,
-51.4282

■ 207.7530, -8.7522,
7.2326

■ 221.0650,
-15.3150, 12.2210

■ 234.3770,
-21.8779, 17.2094

■ 242.3070,
-25.7874, 11.1318

Harmonies

Analogous

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



115.4580, 35.2702, -66.1767



129.0550, 30.0459, -23.7272



134.5710, 20.9175, 10.9002

Triad

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



129.0550, 30.0459, -23.7272



131.8890, -18.1863, 46.5783



118.4710, -4.6692, -42.5091

Complementary

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



129.0550, 30.0459, -23.7272



162.9450, -30.0459, 23.7272

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.



124.6350, -20.0331, -14.5889



129.0550, 30.0459, -23.7272



130.0970, -27.1628, 32.3639

Square

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



129.0550, 30.0459, -23.7272



133.3420, -5.0986, 48.8121



128.3240, -28.2607, 11.1169



102.2490, 18.6112, -89.6724

Rectangle

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



129.0550, 30.0459, -23.7272



135.0310, 13.2957, 28.9138



128.3240, -28.2607, 11.1169



121.0440, -10.3747, -32.4876

Sweetspot

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



129.0550, 30.0459, -23.7272



223.3330, 11.6678, -9.0620



160.3820, 0.3047, -51.2010



110.5030, 7.1470, -5.7031



252.0000, 0.0000, 0.0000



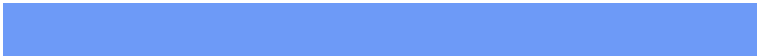
125.0000, 0.0000, 0.0000

Same Dimension

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



129.0550, 30.0459, -23.7272



151.1470, 47.2555, -36.9629



116.5170, 36.2271, 0.4236



87.7870, 3.0630, -2.4442



48.5360, 53.9658, -42.5661



9.4040, 10.6468, -8.2473

Inverse Universe

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



131.6180, -0.3047, 51.2010



155.3920, -0.6863, 80.3402



175.4830, -36.2271, -0.4236



88.0330, -0.0163, 5.2331



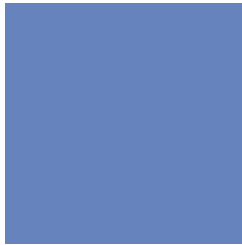
53.1700, -0.5768, 91.9359



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 129.0550, 30.0459, -23.7272 looks on a white background.

Color Contrast Check

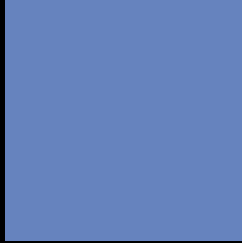
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.0550, 30.0459, -23.7272 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

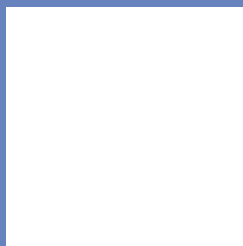
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.0550, 30.0459, -23.7272

Background



This preview shows how black text looks on a background with the YUV color 129.0550, 30.0459, -23.7272.



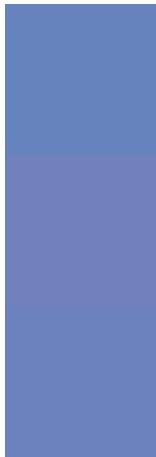
This preview shows how white text looks on a background with the YUV color 129.0550, 30.0459, -23.7272.

-23.7272.

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

129.0550, 30.0459, -23.7272

Protanopia

130.6430, 28.2770, -16.3499

Deuteranopia

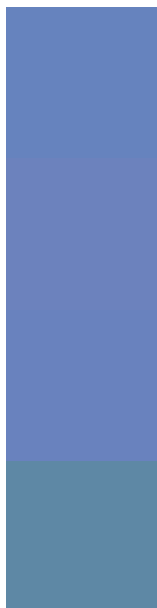
129.9630, 29.5982, -20.1386



Tritanopia

125.6030, 12.0277, -31.2238

Trichromacy



Original Color

129.0550, 30.0459, -23.7272

Protanomaly

130.1480, 29.0140, -19.4238

Deuteranomaly

129.3650, 29.8931, -21.3681

Tritanomaly

126.7480, 18.8582, -28.7200

Monochromacy



Original Color

129.0550, 30.0459, -23.7272

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1050, 10.7942, -8.8621

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.0550, 30.0459, -23.7272 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, 131, 190)` looks like.

```
.text, #text, p{  
    color:rgb(102, 131, 190)  
}
```

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, 131, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 131, 190) }
```

Border

The CSS property to change the border of an element to YUV 129.0550, 30.0459, -23.7272 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, 131, 190) }
```


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

```
.border{ border-color:rgb(102, 131, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 131, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 131, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 131, 190);  
box-shadow:4px 4px 4px 4px rgb(102, 131,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 129.0550, 30.0459, -23.7272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 131, 190) }
```

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

```
.background{ background-color: rgb(102,  
131, 190) }
```

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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