

Converting Colors

YUV(165.2730, 22.5434,
-44.0894)

Have a look what the booklet for
YUV(165.2730, 22.5434, -44.0894)
contains.

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Color

**YUV(165.2730, 22.5434,
-44.0894)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 73B6D3 |
| RGB | 115, 182, 211 |
| RGB Percent | 45%, 71%, 83% |
| CMY | 0.5490, 0.2863, 0.1725 |
| CMYK | 0.45, 0.14, 0.00, 0.17 |
| HSL | 198°, 52%, 64% |
| HSV | 198°, 45%, 83% |
| XYZ | 35.5561, 41.8039, 67.8230 |
| YIQ | 165.2730, -49.2410, -5.1850 |

Conversions

Conversions Part 2

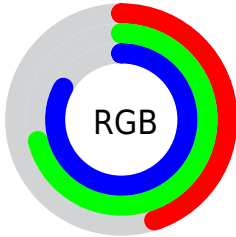
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 115, 154, 211 |
| Decimal | 7583443 |
| CIELab | 70.74, -13.59, -21.26 |
| CIELCh | 71, 25.234, 237.415 |
| Yxy | 41.8039, 0.2449, 0.2879 |
| Android (android.graphics.Color) | 4285773523 (0xFF73B6D3) |
| YUV | 165.2730, 22.5434, -44.0894 |
| Hunter-Lab | 64.6559, -14.9859, -16.9351 |

Details

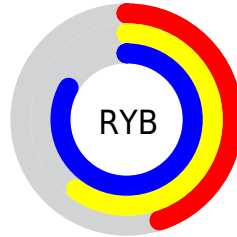
The YUV color **165.2730, 22.5434, -44.0894** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **160.7270, -22.5434, 44.0894**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9050, 17.3018, -42.8897**, and **110.8490, 22.2594, -46.3486** is the 20% darker color. If you saturate the color by 10%, you get **155.4720, 27.3753, -53.9109**, and if you desaturate by 10%, it is **175.0740, 17.7115, -34.2679**.

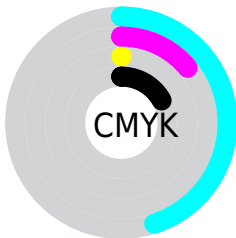
Distribution



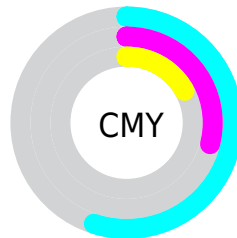
- Red (45%)
- Green (71%)
- Blue (83%)



- Red (45%)
- Yellow (60%)
- Blue (83%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (55%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2730, 22.5434, -44.0894 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 165.2730, 22.5434, -44.0894 by changing the saturation by 10% instead.

■ 165.2730, 22.5434,
-44.0894

■ 165.2730, 22.5434,
-44.0894

■ 255.0000, 0.0000,
0.0000

■ 137.8600, 22.2540,
-44.6042

■ 219.9050, 17.3018,
-42.8897

■ 110.8490, 22.2594,
-46.3486

■ 238.5550, 8.1074,
-33.8127

■ 83.0440, 23.1493,
-51.7816

■ 247.2260, 3.8326,
-15.9842

■ 58.9300, 22.7125,
-51.6816

■ 42.6930, 18.8854,
-37.4418

■ 27.1570, 15.2056,
-23.8167

■ 8.2130, 13.6990,

-7.2028

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 165.2730, 22.5434,
-44.0894

■ 165.2730, 22.5434,
-44.0894

■ 155.4720, 27.3753,
-53.9109

■ 175.0740, 17.7115,
-34.2679

■ 145.0840, 32.4966,
-63.2177

■ 185.4620, 12.5902,
-24.9612

■ 135.2830, 37.3285,
-73.0392

■ 195.2630, 7.7583,
-15.1397

■ 125.4820, 42.1604,
-82.8607

■ 205.0640, 2.9264,
-5.3181

■ 114.7950, 47.4291,
-92.7822

■ 215.4520, -2.1948,
3.9886

■ 110.3430, 49.6239,
-96.7708

■ 225.5520, -7.1741,
14.4249

■ 233.5480,
-11.1162, 18.8134

■ 237.0700,
-12.8525, 15.7246

■ 240.5920,
-14.5889, 12.6358

Harmonies

Analogous

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



162.2910, 15.1395, -49.3672



165.2730, 22.5434, -44.0894



170.6220, 23.3574, -25.1015

Triad

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



165.2730, 22.5434, -44.0894



177.1060, -0.5453, 34.9870



169.7660, -18.6186, -1.5488

Complementary

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



165.2730, 22.5434, -44.0894



160.7270, -22.5434, 44.0894

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.



172.2630, -22.3147, 17.3093



165.2730, 22.5434, -44.0894



175.9680, -11.3232, 38.6161

Square

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



165.2730, 22.5434, -44.0894



177.1780, 10.2652, 20.8919



173.8610, -19.1585, 31.6939



166.4520, -9.0968, -22.3214

Rectangle

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



165.2730, 22.5434, -44.0894



174.1510, 21.1246, -8.9024



173.8610, -19.1585, 31.6939



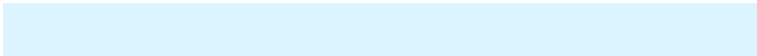
170.6420, -20.5295, 4.6990

Sweetspot

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



165.2730, 22.5434, -44.0894



237.7790, 8.4900, -16.4692



174.6580, -15.1144, -52.3201



117.3130, 5.2687, -9.9215



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.



165.2730, 22.5434, -44.0894



188.4860, 32.7914, -64.4472



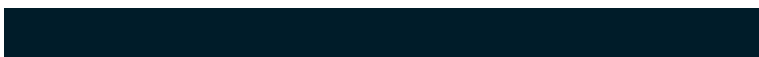
137.0970, 36.4342, -19.3791



99.3630, 2.7790, -4.7034



87.8310, 39.5233, -77.0278



21.1100, 9.8058, -18.5135

Inverse Universe

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



151.3420, 15.1144, 52.3201



168.0320, 22.1692, 76.2709



188.9030, -36.4342, 19.3791



98.0870, 1.4361, 6.0627



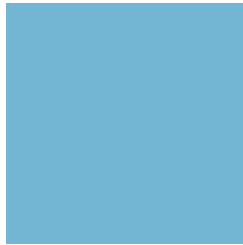
63.5700, 26.3410, 91.5851



15.4510, 6.1867, 22.4065

Previews

White Background



This preview shows how the YUV color 165.2730, 22.5434, -44.0894 looks on a white background.

Color Contrast Check

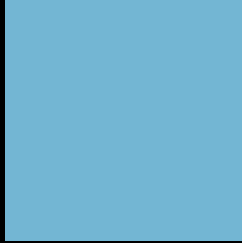
Large Text (above 18pt) WCAG AA × Fail

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 165.2730, 22.5434, -44.0894 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 165.2730, 22.5434, -44.0894 Background



This preview shows how black text looks on a background with the YUV color 165.2730, 22.5434, -44.0894.



This preview shows how white text looks on a background with the YUV color 165.2730, 22.5434, -44.0894.

-44.0894.

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

165.2730, 22.5434, -44.0894

Protanopia

173.1530, 14.7146, -6.2732

Deuteranopia

173.8310, 19.8033, -5.1138



Tritanopia

163.8830, 17.3127, -46.3784

Trichromacy



Original Color

165.2730, 22.5434, -44.0894

Protanomaly

170.1620, 17.6681, -20.3131

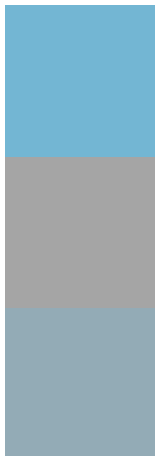
Deuteranomaly

170.9710, 20.7203, -19.2686

Tritanomaly

164.0510, 19.2019, -45.6487

Monochromacy



Original Color

165.2730, 22.5434, -44.0894

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0780, 8.3425, -15.8544

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2730, 22.5434, -44.0894 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(115, 182, 211)` looks like.

```
.text, #text, p{  
    color:rgb(115, 182, 211)  
}
```

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(115, 182, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 182, 211) }
```

Border

The CSS property to change the border of an element to YUV 165.2730, 22.5434, -44.0894 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(115, 182, 211) }
```


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

```
.border{ border-color:rgb(115, 182, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 182, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 182, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 182, 211);  
box-shadow:4px 4px 4px 4px rgb(115, 182,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 165.2730, 22.5434, -44.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 182, 211) }
```

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

```
.background{ background-color: rgb(115,  
182, 211) }
```

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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