

Converting Colors

YUV(164.7400, 24.2852,
-42.7450)

Have a look what the booklet for
YUV(164.7400, 24.2852, -42.7450)
contains.

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Color

**YUV(164.7400, 24.2852,
-42.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	74B4D6
RGB	116, 180, 214
RGB Percent	45%, 71%, 84%
CMY	0.5451, 0.2941, 0.1608
CMYK	0.46, 0.16, 0.00, 0.16
HSL	201°, 54%, 65%
HSV	201°, 46%, 84%
XYZ	35.6613, 41.2106, 69.6932
YIQ	164.7400, -49.0580, -2.9940

Conversions

Conversions Part 2

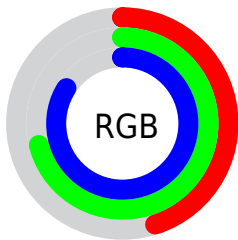
Format	Color
R _Y B	116, 155, 214
Decimal	7648470
CIE Lab	70.32, -11.46, -23.53
CIE LCh	70, 26.170, 244.036
Yxy	41.2106, 0.2433, 0.2812
Android (android.graphics.Color)	4285838550 (0xFF74B4D6)
YUV	164.7400, 24.2852, -42.7450
Hunter-Lab	64.1955, -13.1832, -19.4308

Details

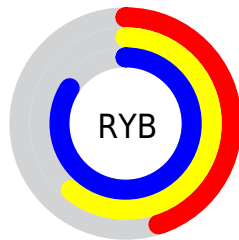
The YUV color **164.7400, 24.2852, -42.7450** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **165.2600, -24.2852, 42.7450**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0300, 17.7332, -41.2453**, and **110.3160, 24.0012, -45.0041** is the 20% darker color. If you saturate the color by 10%, you get **154.3520, 29.4065, -52.0517**, and if you desaturate by 10%, it is **175.1280, 19.1639, -33.4383**.

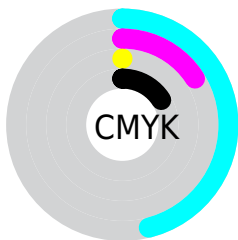
Distribution



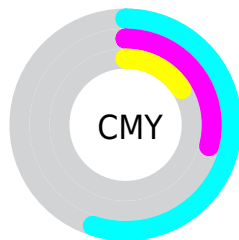
- Red (45%)
- Green (71%)
- Blue (84%)



- Red (45%)
- Yellow (61%)
- Blue (84%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (55%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7400, 24.2852, -42.7450 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 164.7400, 24.2852, -42.7450 by changing the saturation by 10% instead.

■ 164.7400, 24.2852,
-42.7450

■ 164.7400, 24.2852,
-42.7450

■ 255.0000, 0.0000,
0.0000

■ 137.3270, 23.9958,
-43.2598

■ 219.0300, 17.7332,
-41.2453

■ 110.3160, 24.0012,
-45.0041

■ 238.8540, 7.9600,
-33.1980

■ 82.5110, 24.8911,
-50.4371

■ 247.5250, 3.6852,
-15.3694

■ 58.0980, 24.6017,
-50.9519

■ 41.7470, 20.3377,
-36.6121

■ 26.7980, 16.3686,
-23.5018

■ 7.2670, 15.1514,

-6.3732

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 164.7400, 24.2852,
-42.7450

■ 164.7400, 24.2852,
-42.7450

■ 154.3520, 29.4065,
-52.0517

■ 175.1280, 19.1639,
-33.4383

■ 143.0780, 34.9645,
-61.4584

■ 186.4020, 13.6058,
-24.0316

■ 132.6900, 40.0858,
-70.7651

■ 196.7900, 8.4845,
-14.7248

■ 121.4160, 45.6439,
-80.1718

■ 208.0640, 2.9264,
-5.3181

■ 111.0280, 50.7652,
-89.4786

■ 218.4520, -2.1948,
3.9886

■ 106.5760, 52.9600,
-93.4672

■ 229.4270, -7.6055,
12.7805

■ 236.8250,
-11.2527, 15.9395

■ 240.9340,
-13.2785, 12.3359

■ 245.6300,
-15.5936, 8.2175

Harmonies

Analogous

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



160.7790, 18.3500, -52.4262



164.7400, 24.2852, -42.7450



170.4700, 23.9253, -20.5832

Triad

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



164.7400, 24.2852, -42.7450



175.8460, -2.8821, 37.8461



167.9610, -17.7288, -6.9818

Complementary

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



164.7400, 24.2852, -42.7450



165.2600, -24.2852, 42.7450

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.



170.2410, -22.3038, 13.8206



164.7400, 24.2852, -42.7450



174.2840, -13.9440, 39.2159

Square

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



164.7400, 24.2852, -42.7450



176.0430, 8.3598, 25.3953



172.3940, -20.9002, 30.3495



164.2880, -7.0440, -27.4396

Rectangle

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



164.7400, 24.2852, -42.7450



173.6570, 20.3821, -4.0842



172.3940, -20.9002, 30.3495



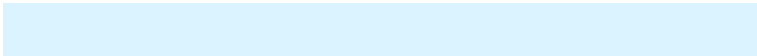
168.4350, -19.9345, 0.4955

Sweetspot

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



164.7400, 24.2852, -42.7450



237.1920, 8.7793, -15.9544



177.2880, -13.9460, -53.7496



116.7260, 5.5581, -9.4067



0.0000, 0.0000, 0.0000



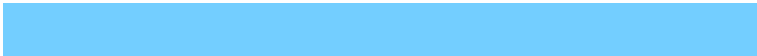
128.0000, 0.0000, 0.0000

Same Dimension

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



164.7400, 24.2852, -42.7450



184.3770, 34.8171, -60.8436



136.5640, 38.1759, -18.0346



101.3630, 2.7790, -4.7034



85.2380, 42.2807, -74.7537



21.3380, 10.6794, -18.7134

Inverse Universe

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



152.5980, 13.5092, 53.8496



167.2340, 19.1116, 76.9708



193.4360, -38.1759, 18.0346



100.0870, 1.4361, 6.0627



63.8970, 23.7148, 93.9293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 164.7400, 24.2852, -42.7450 looks on a white background.

Color Contrast Check

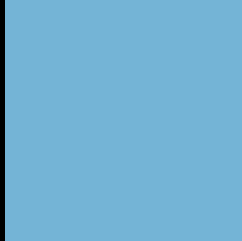
Large Text (above 18pt) WCAG AA × Fail

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 164.7400, 24.2852, -42.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

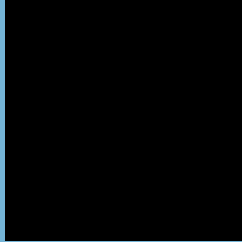
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.7400, 24.2852, -42.7450

Background



This preview shows how black text looks on a background with the YUV color 164.7400, 24.2852, -42.7450.

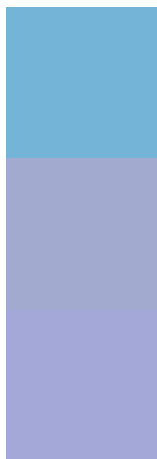


This preview shows how white text looks on a background with the YUV color 164.7400, 24.2852, -42.7450.

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

164.7400, 24.2852, -42.7450

Protanopia

172.1250, 17.1934, -8.0026

Deuteranopia

172.3900, 21.9927, -7.3580



Tritanopia

163.1820, 17.1653, -45.7636

Trichromacy



Original Color

164.7400, 24.2852, -42.7450

Protanomaly

169.7320, 19.8521, -20.8130

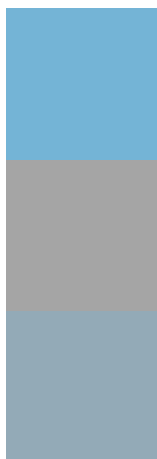
Deuteranomaly

169.5410, 22.9043, -19.7685

Tritanomaly

163.8770, 19.7806, -44.6191

Monochromacy



Original Color

164.7400, 24.2852, -42.7450

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.6050, 9.0687, -15.4396

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7400, 24.2852, -42.7450 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(116, 180, 214)` looks like.

```
.text, #text, p{  
    color:rgb(116, 180, 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(116, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 180, 214) }
```

Border

The CSS property to change the border of an element to YUV 164.7400, 24.2852, -42.7450 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(116, 180, 214) }
```


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

```
.border{ border-color:rgb(116, 180, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 180, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 180, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 180, 214);  
box-shadow:4px 4px 4px 4px rgb(116, 180,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 164.7400, 24.2852, -42.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 180, 214) }
```

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

```
.background{ background-color: rgb(116,  
180, 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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