

Converting Colors

YUV(240.0500, 7.3704,
-30.7388)

Have a look what the booklet for
YUV(240.0500, 7.3704, -30.7388)
contains.

YUV(240.0500, 7.3704, -30.7388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(240.0500, 7.3704,
-30.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFFFF
RGB	205, 255, 255
RGB Percent	80%, 100%, 100%
CMY	0.1961, 0.0000, 0.0000
CMYK	0.20, 0.00, 0.00, 0.00
HSL	180°, 100%, 90%
HSV	180°, 20%, 100%
XYZ	78.9868, 91.7191, 108.1483
YIQ	240.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

Format	Color
R _Y B	205, 230, 255
Decimal	13500415
CIE Lab	96.71, -15.72, -5.23
CIE LCh	97, 16.562, 198.406
Yxy	91.7191, 0.2833, 0.3289
Android (android.graphics.Color)	4291690495 (0xFFCDFFFF)
YUV	240.0500, 7.3704, -30.7388
Hunter-Lab	95.7701, -20.3790, 0.0859

Details

The YUV color $240.0500, 7.3704, -30.7388$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.9500, -7.3703, 30.7389$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.6480, 7.0755, -29.5093$ is the 20% darker color. If you saturate the color by 10%, you get $232.2760, 11.2029, -46.7231$, and if you desaturate by 10%, it is $247.8240, 3.5378, -14.7546$.

Distribution



- Red (80%)
- Green (100%)
- Blue (100%)



- Red (80%)
- Yellow (90%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.0500, 7.3704, -30.7388 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 240.0500, 7.3704, -30.7388 by changing the saturation by 10% instead.

240.0500, 7.3704,
-30.7388

240.0500, 7.3704,
-30.7388

255.0000, 0.0000,
0.0000

211.3490, 7.2229,
-30.1241

183.6480, 7.0755,
-29.5093

156.6480, 7.0755,
-29.5093

130.0610, 7.3649,
-28.9945

104.9470, 6.9281,
-28.8945

79.9470, 6.9281,
-28.8945

55.4630, 7.6597,

-30.2241

■ 33.0610, 7.3649,
-28.9945

■ 19.5140, 3.6906,
-17.1138

■ 240.0500, 7.3704,
-30.7388

■ 240.0500, 7.3704,
-30.7388

■ 232.2760, 11.2029,
-46.7231

■ 247.8240, 3.5378,
-14.7546

■ 224.8010, 14.8881,
-62.0925

255.0000, 0.0000,
0.0000

■ 217.3260, 18.5733,
-77.4619

■ 209.5520, 22.4059,
-93.4461

■ 202.0770, 26.0910,
-108.8155

■ 194.3030, 29.9236,
-124.7997

■ 186.5290, 33.7562,
-140.7839

■ 179.0540, 37.4414,
-156.1534

■ 178.7550, 37.5888,
-156.7681

Harmonies

Analogous

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



240.5040, -1.2345, -24.1210



240.0500, 7.3704, -30.7388



239.7730, 7.5069, -27.8649

Triad

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



240.0500, 7.3704, -30.7388



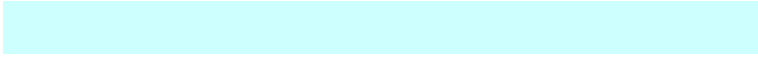
245.0210, 4.9196, 8.7516



242.6950, -14.1466, 10.7915

Complementary

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



240.0500, 7.3704, -30.7388



219.9500, -7.3703, 30.7389

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.



241.2590, -9.4947, 12.0509



240.0500, 7.3704, -30.7388



242.9180, 4.4774, 10.5959

Square

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



240.0500, 7.3704, -30.7388



244.3570, 5.2470, -2.9441



241.0940, -2.5113, 12.1956



244.2380, -14.4143, 3.2993

Rectangle

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



240.0500, 7.3704, -30.7388



240.4040, 7.1958, -21.4023



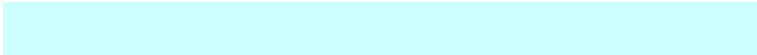
241.0940, -2.5113, 12.1956



242.3360, -12.9836, 11.1063

Sweetspot

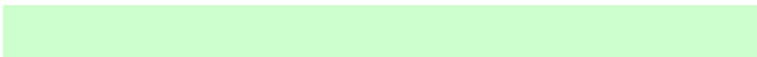
The Sweet Spot groups the original color and five complimentary colors.



240.0500, 7.3704, -30.7388



250.5150, 2.2111, -9.2217



234.3500, -14.4695, -25.7399



125.3090, 1.3267, -5.5330



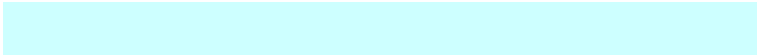
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

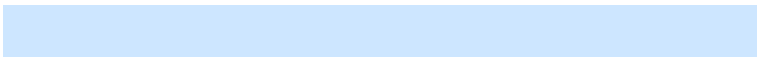
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.0500, 7.3704, -30.7388



236.7610, 8.9918, -37.5014



225.3750, 14.6051, -17.8689



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Inverse Universe

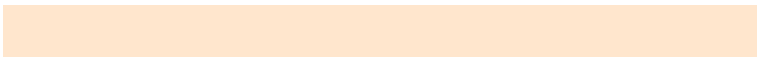
The Inverse Universe completely reimagines the original color for something new.



225.6500, 14.4696, 25.7400



219.1930, 17.6529, 31.4027



234.6250, -14.6051, 17.8689



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 240.0500, 7.3704, -30.7388 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 240.0500, 7.3704, -30.7388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

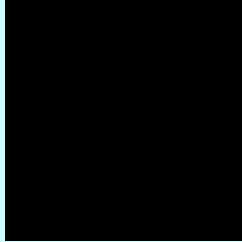
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 240.0500, 7.3704, -30.7388

Background



This preview shows how black text looks on a background with the YUV color 240.0500, 7.3704, -30.7388.



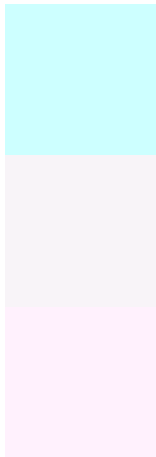
This preview shows how white text looks on a background with the YUV color 240.0500, 7.3704,

-30.7388.

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

240.0500, 7.3704, -30.7388

Protanopia

245.6520, 1.1576, 2.0592

Deuteranopia

246.5540, 3.1779, 7.4071



Tritanopia

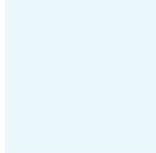
244.3130, 5.2687, -9.9215

Trichromacy



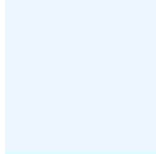
Original Color

240.0500, 7.3704, -30.7388



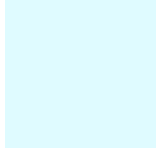
Protanomaly

243.5580, 3.6689, -10.1364



Deuteranomaly

244.2210, 4.8210, -6.3328



Tritanomaly

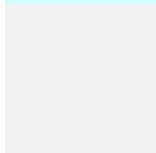
243.0840, 5.8746, -17.6137

Monochromacy



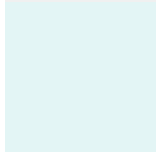
Original Color

240.0500, 7.3704, -30.7388



Achromatopsia

240.0000, 0.0000, 0.0000



Achromatomaly

239.6180, 2.6533, -11.0660

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.0500, 7.3704, -30.7388 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(205, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 255)  
}
```

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(205, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 255) }
```

Border

The CSS property to change the border of an element to YUV 240.0500, 7.3704, -30.7388 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(205, 255, 255) }
```


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

```
.border{ border-color:rgb(205, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 240.0500, 7.3704, -30.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 255) }
```

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

```
.background{ background-color: rgb(205,  
255, 255) }
```

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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