

Converting Colors

YUV(147.5500, 46.0709,
-30.3003)

Have a look what the booklet for
YUV(147.5500, 46.0709, -30.3003)
contains.

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Color

**YUV(147.5500, 46.0709,
-30.3003)**

Conversions

Conversions Part 1

Format	Color
Hex	7193F1
RGB	113, 147, 241
RGB Percent	44%, 58%, 95%
CMY	0.5569, 0.4235, 0.0549
CMYK	0.53, 0.39, 0.00, 0.05
HSL	224°, 82%, 69%
HSV	224°, 53%, 95%
XYZ	33.1210, 30.7290, 87.4047
YIQ	147.5500, -50.4380, 22.0260

Conversions

Conversions Part 2

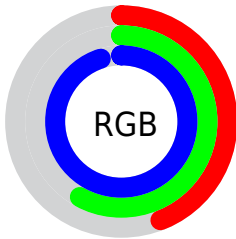
Format	Color
R _Y B	113, 140, 241
Decimal	7443441
CIE Lab	62.28, 14.44, -50.91
CIE LCh	62, 52.922, 285.839
Yxy	30.7290, 0.2190, 0.2032
Android (android.graphics.Color)	4285633521 (0xFF7193F1)
YUV	147.5500, 46.0709, -30.3003
Hunter-Lab	55.4338, 9.6423, -54.6814

Details

The YUV color **147.5500, 46.0709, -30.3003** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **206.4500, -46.0708, 30.3004**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4850, 27.8619, -23.2273**, and **92.8650, 44.9296, -37.5926** is the 20% darker color. If you saturate the color by 10%, you get **129.8080, 54.8177, -35.7886**, and if you desaturate by 10%, it is **165.2920, 37.3240, -24.8121**.

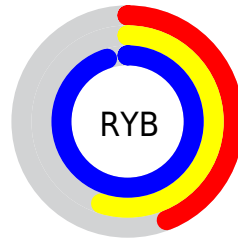
Distribution



Red (44%)

Green (58%)

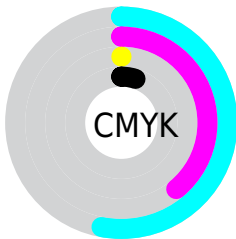
Blue (95%)



Red (44%)

Yellow (55%)

Blue (95%)

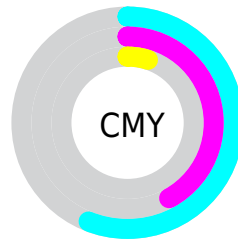


Cyan (53%)

Magenta (39%)

Yellow (0%)

Black (5%)



Cyan (56%)

Magenta (42%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5500, 46.0709, -30.3003 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 147.5500, 46.0709, -30.3003 by changing the saturation by 10% instead.

■ 147.5500, 46.0709,
-30.3003

■ 147.5500, 46.0709,
-30.3003

255.0000, 0.0000,
0.0000

■ 120.0120, 45.3501,
-32.4595

■ 198.4850, 27.8619,
-23.2273

■ 92.8650, 44.9296,
-37.5926

■ 223.5920, 15.4841,
-19.8132

■ 61.3360, 47.1624,
-53.7917

■ 247.8240, 3.5378,
-14.7546

■ 45.3440, 41.7354,
-39.7667

■ 30.7540, 36.6033,
-26.9713

■ 13.2290, 32.9181,
-11.6018

■ 9.3190, 23.0137,

-8.1728

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 147.5500, 46.0709,
-30.3003

■ 147.5500, 46.0709,
-30.3003

■ 129.8080, 54.8177,
-35.7886

■ 165.2920, 37.3240,
-24.8121

■ 112.6530, 63.2751,
-41.7917

■ 182.4470, 28.8666,
-18.8090

■ 94.9110, 72.0219,
-47.2799

■ 200.1890, 20.1198,
-13.3208

■ 77.1690, 80.7687,
-52.7682

■ 217.9310, 11.3730,
-7.8325

■ 65.0420, 86.7473,
-57.0418

■ 235.0860, 2.9156,
-1.8294

■ 252.2300, -5.5364,
2.4293

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



122.5680, 58.3870, -107.4921



147.5500, 46.0709, -30.3003



155.0750, 30.0360, 26.2442

Triad

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



147.5500, 46.0709, -30.3003



148.8780, -31.4919, 67.6360



115.3280, 5.2613, -101.1427

Complementary

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



147.5500, 46.0709, -30.3003



206.4500, -46.0708, 30.3004

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.



136.9780, -27.1042, -33.3067



147.5500, 46.0709, -30.3003



146.8690, -44.7984, 42.2109

Square

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



147.5500, 46.0709, -30.3003



150.2100, -11.4425, 76.9918



143.4750, -44.1112, 8.3534



122.0880, 26.0856, -107.0712

Rectangle

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



147.5500, 46.0709, -30.3003



154.0370, 17.7298, 53.4646



143.4750, -44.1112, 8.3534



125.7740, -7.7766, -72.5928

Sweetspot

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



147.5500, 46.0709, -30.3003



225.1310, 14.7254, -9.7619



198.8520, 4.0170, -75.2922



109.9590, 8.8942, -6.1030



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.



147.5500, 46.0709, -30.3003



135.8230, 58.7543, -38.4328



136.5620, 51.4879, 5.6461



111.1290, 4.3734, -2.7441



49.7390, 66.1907, -43.6211



15.1890, 20.1198, -13.3208

Inverse Universe

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



155.1480, -4.0170, 75.2922



145.6390, -5.2450, 95.9096



217.4380, -51.4879, -5.6461



111.9300, -0.4585, 7.0774



60.6020, -5.7198, 108.2200



18.4540, -1.7028, 32.9278

Previews

White Background



This preview shows how the YUV color 147.5500, 46.0709, -30.3003 looks on a white background.

Color Contrast Check

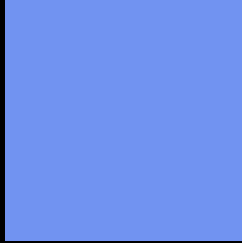
Large Text (above 18pt) WCAG AA × Fail

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 147.5500, 46.0709, -30.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

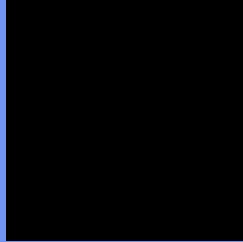
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.5500, 46.0709, -30.3003

Background



This preview shows how black text looks on a background with the YUV color 147.5500, 46.0709, -30.3003.



This preview shows how white text looks on a background with the YUV color 147.5500, 46.0709, -30.3003.

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

147.5500, 46.0709, -30.3003

Protanopia

147.8490, 45.9234, -29.6856

Deuteranopia

144.7120, 46.9770, -40.9664



Tritanopia

141.2530, 16.1443, -44.9489

Trichromacy



Original Color

147.5500, 46.0709, -30.3003

Protanomaly

147.8490, 45.9234, -29.6856

Deuteranomaly

145.6200, 46.5293, -37.3777

Tritanomaly

143.4460, 26.8951, -39.8561

Monochromacy



Original Color

147.5500, 46.0709, -30.3003

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.9890, 16.7674, -11.3914

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5500, 46.0709, -30.3003 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(113, 147, 241)` looks like.

```
.text, #text, p{  
    color:rgb(113, 147, 241)  
}
```

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(113, 147, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 147, 241) }
```

Border

The CSS property to change the border of an element to YUV 147.5500, 46.0709, -30.3003 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(113, 147, 241) }
```


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

```
.border{ border-color:rgb(113, 147, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 147, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 147, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 147, 241);  
box-shadow:4px 4px 4px 4px rgb(113, 147,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 147.5500, 46.0709, -30.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 147, 241) }
```

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

```
.background{ background-color: rgb(113,  
147, 241) }
```

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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