

Converting Colors

YUV(206.7700, -101.9376,
29.1427)

Have a look what the booklet for
YUV(206.7700, -101.9376, 29.1427)
contains.

YUV(206.7700, -101.9376, 29.1427)	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(206.7700, -101.9376,
29.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E600
RGB	240, 230, 0
RGB Percent	94%, 90%, 0%
CMY	0.0588, 0.0980, 1.0000
CMYK	0.00, 0.04, 1.00, 0.06
HSL	58°, 100%, 47%
HSV	58°, 100%, 94%
XYZ	64.2320, 75.1189, 11.1140
YIQ	206.7700, 79.7900, -69.4100

Conversions

Conversions Part 2

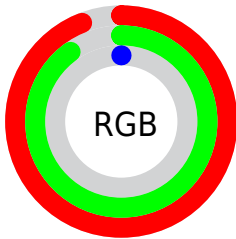
Format	Color
R _Y B	10, 240, 0
Decimal	15787520
CIE Lab	89.45, -15.75, 88.34
CIE LCh	89, 89.732, 100.107
Yxy	75.1189, 0.4269, 0.4992
Android (android.graphics.Color)	4293977600 (0xFFFF0E600)
YUV	206.7700, -101.9376, 29.1427
Hunter-Lab	86.6712, -19.3882, 53.0669

Details

The YUV color **206.7700, -101.9376, 29.1427** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **33.2300, 101.9376, -29.1427**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3040, -71.6349, 16.3964**, and **156.2460, -77.0293, 19.9553** is the 20% darker color. If you saturate the color by 10%, you get **206.7700, -101.9376, 29.1427**, and if you desaturate by 10%, it is **210.0930, -91.7438, 26.2284**.

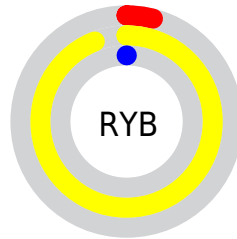
Distribution



Red (94%)

Green (90%)

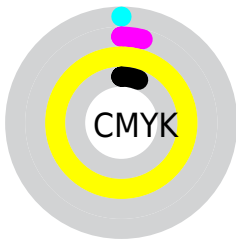
Blue (0%)



Red (4%)

Yellow (94%)

Blue (0%)

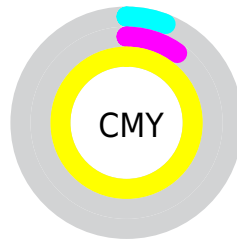


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (10%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.7700, -101.9376, 29.1427 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 206.7700, -101.9376, 29.1427 by changing the saturation by 10% instead.

■ 206.7700,
-101.9376, 29.1427

■ 206.7700,
-101.9376, 29.1427

■ 255.0000, 0.0000,
0.0000

■ 181.0650,
-89.2650, 24.4990

■ 236.3040,
-71.6349, 16.3964

■ 156.2460,
-77.0293, 19.9553

■ 239.8380,
-58.0941, 13.2971

■ 131.4270,
-64.7935, 15.4115

■ 243.1440,
-45.4270, 10.3977

■ 108.3800,
-53.4313, 11.0677

■ 246.5640,
-32.3231, 7.3984

■ 85.0340, -41.9218,
6.1092

■ 249.9840,
-19.2191, 4.3990

■ 63.1610, -31.1384,
0.7358

■ 253.4040, -6.1152,

■ 41.8860, -20.6498,

1.3997

-3.4080

■ 21.7850, -10.7400,
-8.5814

■ 0.0000, 0.0000,
0.0000

■ 206.7700,
-101.9376, 29.1427

■ 210.0930,
-91.7438, 26.2284

■ 213.4160,
-81.5501, 23.3142

■ 216.7390,
-71.3563, 20.3999

■ 220.0620,
-61.1626, 17.4856

■ 223.3850,
-50.9688, 14.5714

■ 226.7080,
-40.7750, 11.6571

■ 230.0310,
-30.5813, 8.7428

■ 233.3540,
-20.3875, 5.8285

■ 236.6770,
-10.1938, 2.9143

Harmonies

Analogous

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



198.4160, -74.6481, 49.6242



206.7700, -101.9376, 29.1427



199.6380, -58.4885, -47.0405

Triad

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



206.7700, -101.9376, 29.1427



178.7550, 37.5888, -156.7681



193.9520, 30.0967, 53.5391

Complementary

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



206.7700, -101.9376, 29.1427



33.2300, 101.9376, -29.1427

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.



216.2580, 19.0998, 33.9767



206.7700, -101.9376, 29.1427



175.8200, 39.0357, -154.1941

Square

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



206.7700, -101.9376, 29.1427



178.4130, 36.2784, -156.4682



183.5700, 35.2150, -95.2159



180.5240, 9.1087, 65.3155

Rectangle

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



206.7700, -101.9376, 29.1427



164.9610, -15.2638, -144.6708



183.5700, 35.2150, -95.2159



200.4090, 26.9134, 47.8763

Sweetspot

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



206.7700, -101.9376, 29.1427



244.5750, -32.3285, 9.1427



73.1280, -30.1361, 146.3467



121.5820, -19.5139, 5.6286



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.



206.7700, -101.9376, 29.1427



219.4730, -108.2002, 31.1572



180.3480, -88.9116, -42.4012



118.0450, -4.9522, 1.7145



158.3280, -78.0557, 22.5143



48.4420, -23.8819, 6.6284

Inverse Universe

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



33.2300, 101.9376, -29.1427



35.5270, 108.2002, -31.1572



59.6520, 88.9116, 42.4012



109.3680, 5.2416, -1.1997



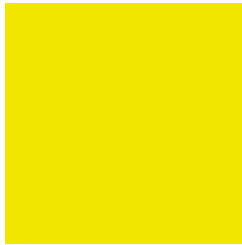
25.6720, 78.0557, -22.5143



7.5580, 23.8819, -6.6284

Previews

White Background



This preview shows how the YUV color 206.7700, -101.9376, 29.1427 looks on a white background.

Color Contrast Check

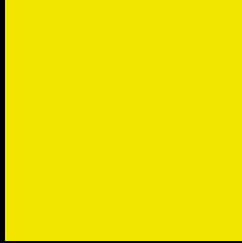
Large Text (above 18pt) WCAG AA × Fail

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 206.7700, -101.9376, 29.1427 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 206.7700, -101.9376, 29.1427 Background



This preview shows how black text looks on a background with the YUV color 206.7700, -101.9376, 29.1427.



This preview shows how white text looks on a background with the YUV color 206.7700, -101.9376, 29.1427.

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

206.7700, -101.9376, 29.1427

Protanopia

208.0210, -102.5544, 40.3236

Deuteranopia

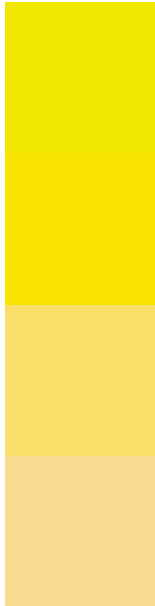
223.9500, -27.5833, 27.2309



Tritanopia

227.7840, 1.0925, 22.9914

Trichromacy



Original Color

206.7700, -101.9376, 29.1427

Protanomaly

207.7000, -102.3961, 36.2201

Deuteranomaly

217.8490, -54.6486, 28.1964

Tritanomaly

220.2350, -36.5979, 25.2269

Monochromacy



Original Color

206.7700, -101.9376, 29.1427

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.7340, -36.8439, 10.7573

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.7700, -101.9376, 29.1427 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(240, 230, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 0)  
}
```

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(240, 230, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 0) }
```

Border

The CSS property to change the border of an element to YUV 206.7700, -101.9376, 29.1427 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(240, 230, 0) }
```


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

```
.border{ border-color:rgb(240, 230, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 230, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 206.7700, -101.9376, 29.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 0) }
```

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

```
.background{ background-color: rgb(240,  
230, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor