

Converting Colors

YUV(238.9260, -61.5885,
14.0969)

Have a look what the booklet for
YUV(238.9260, -61.5885, 14.0969)
contains.

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Color

**YUV(238.9260, -61.5885,
14.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF72
RGB	255, 255, 114
RGB Percent	100%, 100%, 45%
CMY	0.0000, 0.0000, 0.5529
CMYK	0.00, 0.00, 0.55, 0.00
HSL	60°, 100%, 72%
HSV	60°, 55%, 100%
XYZ	80.0373, 93.9949, 29.8440
YIQ	238.9260, 45.2610, -43.8510

Conversions

Conversions Part 2

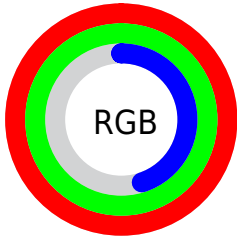
Format	Color
R _Y B	114, 255, 114
Decimal	16777074
CIE Lab	97.63, -17.63, 66.00
CIE LCh	98, 68.311, 104.953
Yxy	93.9949, 0.3926, 0.4610
Android (android.graphics.Color)	4294967154 (0xFFFFFFFF72)
YUV	238.9260, -61.5885, 14.0969
Hunter-Lab	96.9510, -22.3046, 49.6147

Details

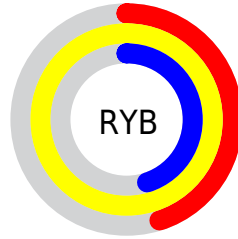
The YUV color $238.9260, -61.5885, 14.0969$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $130.0740, 61.5885, -14.0969$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.3100, -37.1278, 8.4981$, and $181.4420, -60.8569, 12.7674$ is the 20% darker color. If you saturate the color by 10%, you get $236.0760, -72.5085, 16.5963$, and if you desaturate by 10%, it is $241.8900, -50.2318, 11.4975$.

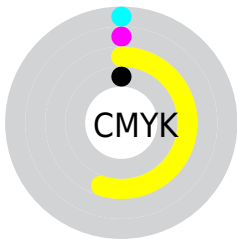
Distribution



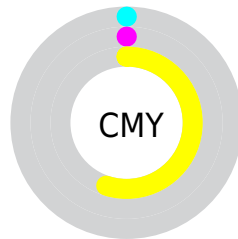
- Red (100%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.9260, -61.5885, 14.0969 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 238.9260, -61.5885, 14.0969 by changing the saturation by 10% instead.

238.9260,
-61.5885, 14.0969

238.9260,
-61.5885, 14.0969

255.0000, 0.0000,
0.0000

209.7410,
-61.0043, 13.3821

245.3100,
-37.1278, 8.4981

181.4420,
-60.8569, 12.7674

248.5020,
-24.8975, 5.6987

153.0460,
-63.6197, 12.2377

251.8080,
-12.2303, 2.7994

126.3770,
-62.3039, 10.1934

102.7430,
-50.6523, 6.3644

80.8810, -39.8743,
2.7354

58.4210, -28.8016,

-2.1232

■ 38.0320, -18.7498,
-6.1671

■ 17.0230, -8.3923,
-14.9292

■ 238.9260,
-61.5885, 14.0969

■ 238.9260,
-61.5885, 14.0969

■ 236.0760,
-72.5085, 16.5963

■ 241.8900,
-50.2318, 11.4975

■ 233.1120,
-83.8652, 19.1958

■ 244.7400,
-39.3118, 8.9980

■ 230.1480,
-95.2220, 21.7952

■ 247.7040,
-27.9551, 6.3986

■ 227.2980,
-106.1419, 24.2947

■ 250.5540,
-17.0351, 3.8991

■ 225.9300,
-111.3835, 25.4944

■ 253.5180, -5.6784,
1.2997

255.0000, 0.0000,
0.0000

Harmonies

Analogous

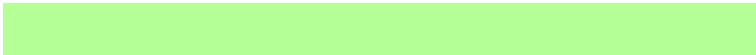
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.3540, -53.9115, 25.1225



238.9260, -61.5885, 14.0969



220.6050, -34.8083, -35.6106

Triad

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



238.9260, -61.5885, 14.0969



178.7550, 37.5888, -156.7681



220.3670, 17.0741, 30.3731

Complementary

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



238.9260, -61.5885, 14.0969



130.0740, 61.5885, -14.0969

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.



233.2810, 10.7075, 19.0476



238.9260, -61.5885, 14.0969



178.7550, 37.5888, -156.7681

Square

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



238.9260, -61.5885, 14.0969



178.7550, 37.5888, -156.7681



230.9020, 11.8803, -30.6091



214.2740, 1.3439, 35.7167

Rectangle

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



238.9260, -61.5885, 14.0969



205.3170, -8.0443, -80.0850



230.9020, 11.8803, -30.6091



223.8890, 15.3377, 27.2843

Sweetspot

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



238.9260, -61.5885, 14.0969



250.0980, -18.7823, 4.2991



156.1590, -20.7844, 86.6836



125.0360, -11.3567, 2.5994



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.



238.9260, -61.5885, 14.0969



235.8480, -73.3821, 16.7963



217.9960, -51.2700, -28.9375



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986

Inverse Universe

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



130.0740, 61.5885, -14.0969



106.1520, 73.3821, -16.7963



151.3030, 51.1226, 29.5523



116.4820, 5.6784, -1.2997



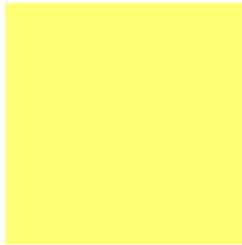
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 238.9260, -61.5885, 14.0969 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 238.9260, -61.5885, 14.0969 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 238.9260, -61.5885, 14.0969

Background



This preview shows how black text looks on a background with the YUV color 238.9260, -61.5885, 14.0969.



This preview shows how white text looks on a background with the YUV color 238.9260, -61.5885, 14.0969.

Color Blindness Simulation

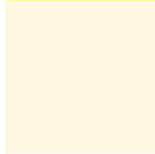
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



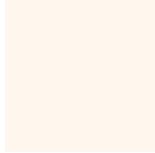
Original Color

238.9260, -61.5885, 14.0969



Protanopia

247.3570, -11.5150, 6.7029



Deuteranopia

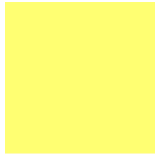
248.3660, -5.1104, 5.8180



Tritanopia

248.6740, 1.1467, 5.5479

Trichromacy



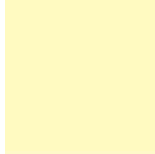
Original Color

238.9260, -61.5885, 14.0969



Protanomaly

244.5580, -29.8551, 9.1576



Deuteranomaly

244.9970, -25.6345, 8.7726



Tritanomaly

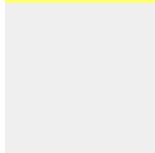
245.3220, -21.8507, 8.4876

Monochromacy



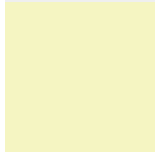
Original Color

238.9260, -61.5885, 14.0969



Achromatopsia

239.0000, 0.0000, 0.0000



Achromatomaly

239.1860, -22.2767, 5.0989

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.9260, -61.5885, 14.0969 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(255, 255, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 114)  
}
```

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(255, 255, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 114) }
```

Border

The CSS property to change the border of an element to YUV 238.9260, -61.5885, 14.0969 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(255, 255, 114) }
```


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

```
.border{ border-color:rgb(255, 255, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 238.9260, -61.5885, 14.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 114) }
```

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

```
.background{ background-color: rgb(255,  
255, 114) }
```

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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