

Converting Colors

YUV(227.0510, -61.1571,
15.7413)

Have a look what the booklet for
YUV(227.0510, -61.1571, 15.7413)
contains.

YUV(227.0510, -61.1571, 15.7413)	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(227.0510, -61.1571,
15.7413)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F267
RGB	245, 242, 103
RGB Percent	96%, 95%, 40%
CMY	0.0392, 0.0510, 0.5961
CMYK	0.00, 0.01, 0.58, 0.04
HSL	59°, 88%, 68%
HSV	59°, 58%, 96%
XYZ	71.8565, 83.8960, 25.2383
YIQ	227.0510, 46.4070, -42.5930

Conversions

Conversions Part 2

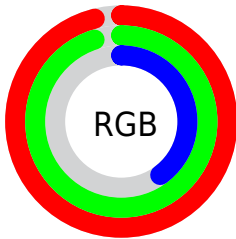
Format	Color
R_{YB}	106, 245, 103
Decimal	16118375
CIE _{Lab}	93.41, -16.08, 65.77
CIE _{LCh}	93, 67.712, 103.741
Yxy	83.8960, 0.3970, 0.4635
Android (android.graphics.Color)	4294308455 (0xFFFF5F267)
YUV	227.0510, -61.1571, 15.7413
Hunter-Lab	91.5948, -20.2568, 47.7794

Details

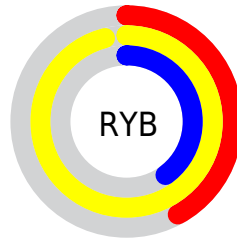
The YUV color $227.0510, -61.1571, 15.7413$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $120.9490, 61.1571, -15.7413$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.0560, -41.9326, 9.5979$, and $170.0400, -61.1517, 13.9969$ is the 20% darker color. If you saturate the color by 10%, you get $223.7280, -71.3509, 18.6555$, and if you desaturate by 10%, it is $230.4880, -50.5266, 12.7270$.

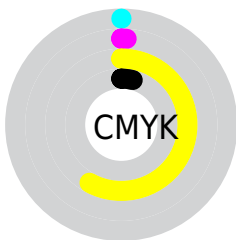
Distribution



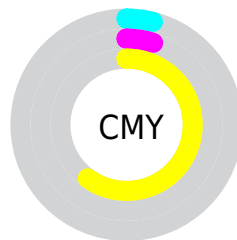
- Red (96%)
- Green (95%)
- Blue (40%)



- Red (42%)
- Yellow (96%)
- Blue (40%)



- Cyan (0%)
- Magenta (1%)
- Yellow (58%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.0510, -61.1571, 15.7413 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 227.0510, -61.1571, 15.7413 by changing the saturation by 10% instead.

227.0510,
-61.1571, 15.7413

227.0510,
-61.1571, 15.7413

255.0000, 0.0000,
0.0000

198.4530,
-60.8623, 14.5117

244.0560,
-41.9326, 9.5979

170.0400,
-61.1517, 13.9969

247.2480,
-29.7023, 6.7985

140.6180,
-67.8457, 14.3670

250.5540,
-17.0351, 3.8991

116.6420,
-57.5045, 10.8380

253.8600, -4.3680,
0.9998

93.5950, -46.1423,
6.4942

71.4340, -35.2170,
2.2504

50.1590, -24.7284,

-1.8934

■ 29.7700, -14.6766,
-5.9373

■ 11.7400, -5.7878,
-10.2960

■ 227.0510,
-61.1571, 15.7413

■ 227.0510,
-61.1571, 15.7413

■ 223.7280,
-71.3509, 18.6555

■ 230.4880,
-50.5266, 12.7270

■ 220.8780,
-82.2709, 21.1550

■ 233.2240,
-40.0434, 10.3276

■ 217.5550,
-92.4646, 24.0693

■ 236.6610,
-29.4129, 7.3133

■ 214.7050,
-103.3846, 26.5687

■ 239.3970,
-18.9297, 4.9138

■ 214.1350,
-105.5686, 27.0686

■ 242.8340, -8.2992,
1.8996

■ 245.5700, 2.1840,
-0.4999

■ 246.7270, 4.0786,
-1.5146

■ 247.3140, 3.7892,
-2.0294

Harmonies

Analogous

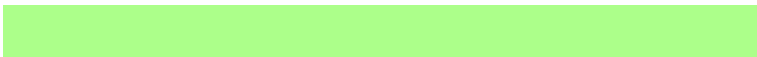
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.6970, -54.0806, 32.7147



227.0510, -61.1571, 15.7413



216.8450, -38.8706, -39.3291

Triad

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



227.0510, -61.1571, 15.7413



178.7550, 37.5888, -156.7681



213.9100, 20.2574, 36.0359

Complementary

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



227.0510, -61.1571, 15.7413



120.9490, 61.1571, -15.7413

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.



226.8240, 13.8908, 24.7104



227.0510, -61.1571, 15.7413



177.5810, 38.1676, -155.7385

Square

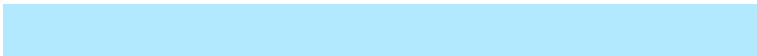
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.0510, -61.1571, 15.7413



178.7550, 37.5888, -156.7681



219.3620, 17.5695, -35.3975



206.2040, 0.8854, 42.7941

Rectangle

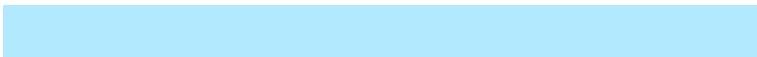
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.0510, -61.1571, 15.7413



201.7420, -12.6908, -83.0887



219.3620, 17.5695, -35.3975



217.4320, 18.5210, 32.9471

Sweetspot

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



227.0510, -61.1571, 15.7413



249.5110, -18.4929, 4.8139



146.0280, -18.7478, 86.7984



124.4490, -11.0674, 3.1142



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.



227.0510, -61.1571, 15.7413



232.3600, -76.5925, 19.8553



209.0780, -52.2965, -26.3784



120.6320, -5.2416, 1.1997



162.4480, -80.0869, 20.6551



51.1000, -25.1923, 6.9283

Inverse Universe

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



120.9490, 61.1571, -15.7413



99.0530, 76.8819, -19.3405



138.9220, 52.2965, 26.3784



111.3680, 5.2416, -1.1997



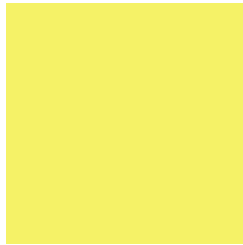
23.5520, 80.0869, -20.6551



7.3130, 25.4817, -6.4135

Previews

White Background



This preview shows how the YUV color 227.0510, -61.1571, 15.7413 looks on a white background.

Color Contrast Check

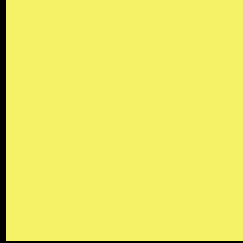
Large Text (above 18pt) WCAG AA × Fail

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 227.0510, -61.1571, 15.7413 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 227.0510, -61.1571, 15.7413

Background



This preview shows how black text looks on a background with the YUV color 227.0510, -61.1571, 15.7413.



This preview shows how white text looks on a background with the YUV color 227.0510, -61.1571, 15.7413.

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

227.0510, -61.1571, 15.7413

Protanopia

232.5610, -37.7446, 19.6790

Deuteranopia

235.9130, -14.7471, 16.7393



Tritanopia

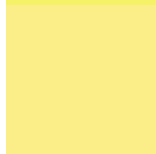
238.3700, 2.2826, 14.5845

Trichromacy



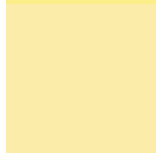
Original Color

227.0510, -61.1571, 15.7413



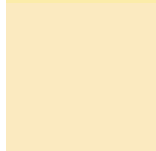
Protanomaly

230.3730, -46.0329, 18.0899



Deuteranomaly

232.8470, -31.4766, 15.9202



Tritanomaly

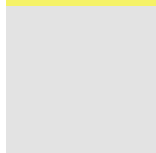
234.2950, -20.8514, 14.6503

Monochromacy



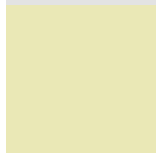
Original Color

227.0510, -61.1571, 15.7413



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

226.8980, -22.1347, 6.2285

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.0510, -61.1571, 15.7413 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(245, 242, 103)` looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 103)  
}
```

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(245, 242, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 103) }
```

Border

The CSS property to change the border of an element to YUV 227.0510, -61.1571, 15.7413 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(245, 242, 103) }
```


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

```
.border{ border-color:rgb(245, 242, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 103);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 227.0510, -61.1571, 15.7413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 103) }
```

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

```
.background{ background-color: rgb(245,  
242, 103) }
```

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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