

Converting Colors

YUV(227.9520, -0.4693,
10.5661)

Have a look what the booklet for
YUV(227.9520, -0.4693, 10.5661)
contains.

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Color

**YUV(227.9520, -0.4693,
10.5661)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DEE3
RGB	240, 222, 227
RGB Percent	94%, 87%, 89%
CMY	0.0588, 0.1294, 0.1098
CMYK	0.00, 0.07, 0.05, 0.06
HSL	343°, 37%, 91%
HSV	343°, 7%, 94%
XYZ	75.9216, 76.3139, 83.4016
YIQ	227.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

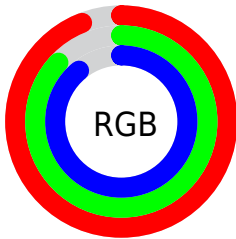
Format	Color
R_{YB}	240, 222, 227
Decimal	15785699
CIE Lab	90.00, 7.01, -0.23
CIE LCh	90, 7.009, 358.151
Yxy	76.3139, 0.3222, 0.3239
Android (android.graphics.Color)	4293975779 (0xFFFF0DEE3)
YUV	227.9520, -0.4693, 10.5661
Hunter-Lab	87.3578, 2.2560, 4.5456

Details

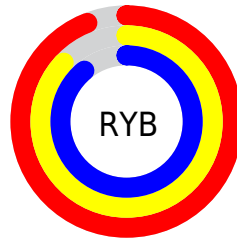
The YUV color $227.9520, -0.4693, 10.5661$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $234.0480, 0.4693, -10.5661$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.6530, -0.3219, 9.9513$ is the 20% darker color. If you saturate the color by 10%, you get $211.9260, -0.9495, 24.6209$, and if you desaturate by 10%, it is $243.9780, 0.0108, -3.4887$.

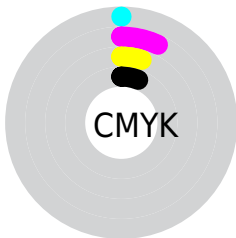
Distribution



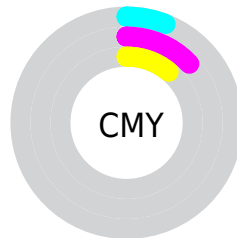
- Red (94%)
- Green (87%)
- Blue (89%)



- Red (94%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.9520, -0.4693, 10.5661 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 227.9520, -0.4693, 10.5661 by changing the saturation by 10% instead.

 227.9520, -0.4693,
10.5661

 227.9520, -0.4693,
10.5661


255.0000, 0.0000,
0.0000


 199.9520, -0.4693,
10.5661

 172.6530, -0.3219,
9.9513

 146.2400, -0.6113,
9.4365

 120.3540, -0.1745,
9.3365

 95.3540, -0.1745,
9.3365

 71.6420, -0.3165,
8.2070

 49.3430, -0.1691,

7.5922

■ 28.3430, -0.1691,
7.5922

■ 5.1970, -2.0691,
10.3512

■ 227.9520, -0.4693,
10.5661

■ 227.9520, -0.4693,
10.5661

■ 211.9260, -0.9495,
24.6209

■ 243.9780, 0.0108,
-3.4887

■ 195.7860, -1.8665,
38.7757

■ 250.5150, 2.2111,
-9.2217

■ 179.7600, -2.3467,
52.8305

■ 163.7340, -2.8269,
66.8853

■ 147.5940, -3.7438,
81.0401

■ 131.5680, -4.2240,
95.0949

■ 115.5420, -4.7042,
109.1497

■ 99.4020, -5.6212,
123.3044

■ 83.3760, -6.1014,
137.3592

Harmonies

Analogous

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



227.8420, 3.0359, 6.2776



227.9520, -0.4693, 10.5661



227.4530, -3.6743, 11.8807

Triad

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



227.9520, -0.4693, 10.5661



225.6210, -5.2362, -0.5446



225.1280, 5.8529, -10.6363

Complementary

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



227.9520, -0.4693, 10.5661



234.0480, 0.4693, -10.5661

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.



224.2480, 3.8217, -12.4955



227.9520, -0.4693, 10.5661



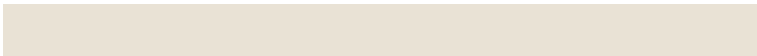
224.8590, -2.8885, -6.8923

Square

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



227.9520, -0.4693, 10.5661



226.6110, -6.7102, 5.6032



224.1620, 0.9061, -10.6661



226.0900, 6.8576, -6.2179

Rectangle

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



227.9520, -0.4693, 10.5661



227.3990, -5.1267, 11.0511



224.1620, 0.9061, -10.6661



225.3020, 5.2741, -11.6659

Sweetspot

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



227.9520, -0.4693, 10.5661



251.6090, -0.3002, 2.9739



227.9390, 5.9461, 6.1925



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

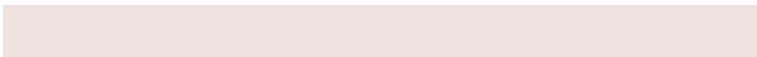
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.9520, -0.4693, 10.5661



239.5610, -0.7696, 13.5400



229.7300, -3.8109, 9.0068



111.9300, -0.4585, 7.0774



60.8300, -4.8462, 108.0201



18.5680, -1.2660, 32.8279

Inverse Universe

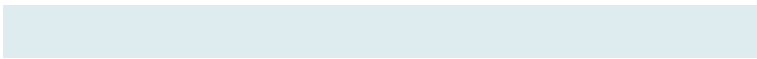
The Inverse Universe completely reimagines the original color for something new.



227.9520, -0.4693, 10.5661



239.5610, -0.7696, 13.5400



232.2700, 3.8109, -9.0068



111.9300, -0.4585, 7.0774



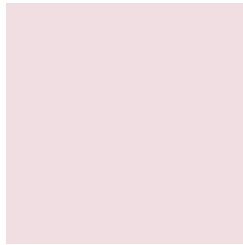
60.8300, -4.8462, 108.0201



18.5680, -1.2660, 32.8279

Previews

White Background



This preview shows how the YUV color 227.9520, -0.4693, 10.5661 looks on a white background.

Color Contrast Check

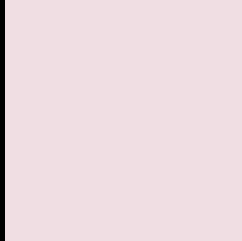
Large Text (above 18pt) WCAG AA × Fail

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 227.9520, -0.4693, 10.5661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

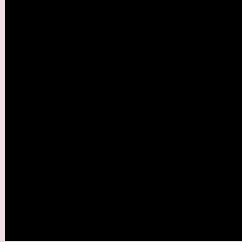
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

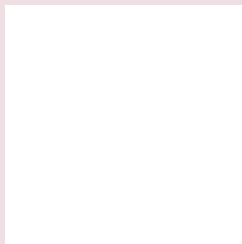
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.9520, -0.4693, 10.5661

Background



This preview shows how black text looks on a background with the YUV color 227.9520, -0.4693, 10.5661.



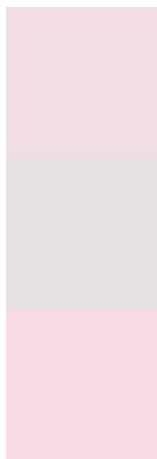
This preview shows how white text looks on a background with the YUV color 227.9520, -0.4693,

10.5661.

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

227.9520, -0.4693, 10.5661

Protanopia

226.9510, 1.0102, 2.6740

Deuteranopia

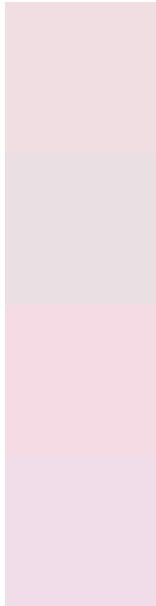
228.6970, -0.3436, 16.9287



Tritanopia

228.6300, 4.6194, 11.7255

Trichromacy



Original Color

227.9520, -0.4693, 10.5661

Protanomaly

227.4460, 0.2731, 5.7479

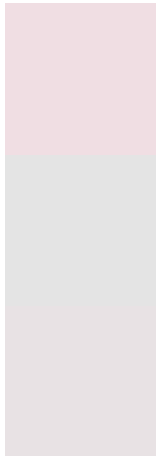
Deuteranomaly

228.3870, -0.1908, 14.5696

Tritanomaly

228.4620, 2.7302, 10.9958

Monochromacy



Original Color

227.9520, -0.4693, 10.5661

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.9520, -0.4693, 10.5661 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, 222, 227)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 227)  
}
```

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, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 227) }
```

Border

The CSS property to change the border of an element to YUV 227.9520, -0.4693, 10.5661 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, 222, 227) }
```


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

```
.border{ border-color:rgb(240, 222, 227) }
```

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

Here you see how a box with a 4 pixel rgb(240, 222, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 227.9520, -0.4693, 10.5661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 227) }
```

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

```
.background{ background-color: rgb(240,  
222, 227) }
```

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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