

Converting Colors

YUV(213.8920, 0.5462, 11.4957)

Have a look what the booklet for
YUV(213.8920, 0.5462, 11.4957)
contains.

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Color

**YUV(213.8920, 0.5462,
11.4957)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CFD7
RGB	227, 207, 215
RGB Percent	89%, 81%, 84%
CMY	0.1098, 0.1882, 0.1569
CMYK	0.00, 0.09, 0.05, 0.11
HSL	336°, 26%, 85%
HSV	336°, 9%, 89%
XYZ	66.2571, 65.8628, 73.5107
YIQ	213.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

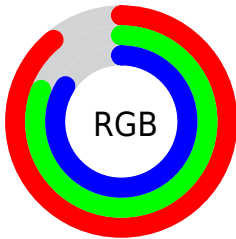
Format	Color
R _Y B	227, 207, 215
Decimal	14929879
CIE Lab	84.93, 8.31, -1.44
CIE LCh	85, 8.434, 350.158
Yxy	65.8628, 0.3222, 0.3203
Android (android.graphics.Color)	4293119959 (0xFFE3CFD7)
YUV	213.8920, 0.5462, 11.4957
Hunter-Lab	81.1559, 3.7077, 3.1045

Details

The YUV color $213.8920, 0.5462, 11.4957$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $220.1080, -0.5462, -11.4957$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.4790, 0.2569, 10.9809$ is the 20% darker color. If you saturate the color by 10%, you get $198.7950, 1.0871, 24.7358$, and if you desaturate by 10%, it is $228.9890, 0.0054, -1.7444$.

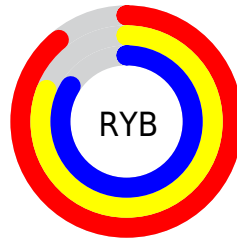
Distribution



Red (89%)

Green (81%)

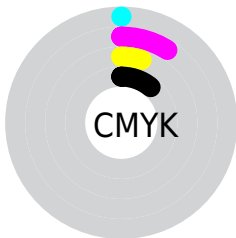
Blue (84%)



Red (89%)

Yellow (81%)

Blue (84%)

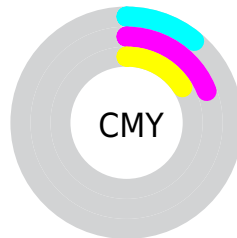


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (11%)



Cyan (11%)


Magenta (19%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8920, 0.5462, 11.4957 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 213.8920, 0.5462, 11.4957 by changing the saturation by 10% instead.


 213.8920, 0.5462,
11.4957


 213.8920, 0.5462,
11.4957


255.0000, 0.0000,
0.0000


 185.8920, 0.5462,
11.4957

 159.4790, 0.2569,
10.9809

 133.1800, 0.4043,
10.3661

 107.8810, 0.5517,
9.7514

 83.5820, 0.6991,
9.1366

 60.5820, 0.6991,
9.1366

 38.2830, 0.8465,

8.5218

■ 17.5820, 0.6991,
9.1366

■ 0.0000, 0.0000,
0.0000

■ 213.8920, 0.5462,
11.4957

■ 213.8920, 0.5462,
11.4957

■ 198.7950, 1.0871,
24.7358

■ 228.9890, 0.0054,
-1.7444

■ 184.3990, 1.7753,
37.3611

■ 243.3850, -0.6828,
-14.3696

■ 169.3020, 2.3161,
50.6011

■ 246.6280, 4.1274,
-17.2138

■ 154.3190, 3.2937,
63.7412

■ 139.8090, 3.5452,
76.4665

■ 124.7120, 4.0860,
89.7066

■ 109.7290, 5.0636,
102.8467

■ 94.6320, 5.6044,
116.0867

■ 80.1220, 5.8559,
128.8120

Harmonies

Analogous

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



213.1840, 4.3463, 5.9776



213.8920, 0.5462, 11.4957



213.8770, -3.3904, 14.1399

Triad

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



213.8920, 0.5462, 11.4957



211.1760, -6.9888, 1.5996



210.3340, 6.7373, -14.3249

Complementary

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



213.8920, 0.5462, 11.4957



220.1080, -0.5462, -11.4957

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.



209.8240, 3.5378, -14.7546



213.8920, 0.5462, 11.4957



210.2290, -4.0569, -5.4628

Square

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



213.8920, 0.5462, 11.4957



212.6930, -7.7366, 8.1622



209.8090, -0.3988, -12.1105



211.7090, 8.0315, -9.3918

Rectangle

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



213.8920, 0.5462, 11.4957



213.5950, -5.7163, 13.5102



209.8090, -0.3988, -12.1105



209.8070, 6.0111, -14.7397

Sweetspot

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



213.8920, 0.5462, 11.4957



249.7340, 0.1311, 4.6183



212.8680, 6.9671, 5.3778



124.0220, -0.0108, 3.4887



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.



213.8920, 0.5462, 11.4957



236.6260, 0.6774, 16.1140



214.1540, -3.5269, 11.2659



107.1580, 0.4151, 6.8774



61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Inverse Universe

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



213.8920, 0.5462, 11.4957



236.6260, 0.6774, 16.1140



219.8460, 3.5269, -11.2659



107.1580, 0.4151, 6.8774



61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 213.8920, 0.5462, 11.4957 looks on a white background.

Color Contrast Check

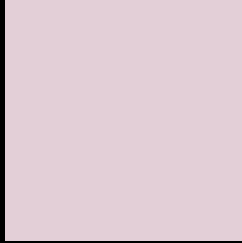
Large Text (above 18pt) WCAG AA × Fail

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 213.8920, 0.5462, 11.4957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

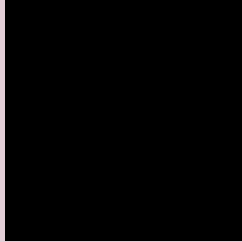
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.8920, 0.5462, 11.4957

Background



This preview shows how black text looks on a background with the YUV color 213.8920, 0.5462, 11.4957.



This preview shows how white text looks on a background with the YUV color 213.8920, 0.5462,

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

213.8920, 0.5462, 11.4957

Protanopia

212.5810, 2.1786, 1.2445

Deuteranopia

214.5010, 0.2460, 14.4696



Tritanopia

214.4020, 3.7458, 11.9254

Trichromacy



Original Color

213.8920, 0.5462, 11.4957

Protanomaly

213.3750, 1.2941, 4.9331

Deuteranomaly

214.2020, 0.3934, 13.8548

Tritanomaly

214.0600, 2.4354, 12.2254

Monochromacy



Original Color

213.8920, 0.5462, 11.4957

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8920, 0.5462, 11.4957 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(227, 207, 215)` looks like.

```
.text, #text, p{  
    color:rgb(227, 207, 215)  
}
```

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(227, 207, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 207, 215) }
```

Border

The CSS property to change the border of an element to YUV 213.8920, 0.5462, 11.4957 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(227, 207, 215) }
```


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

```
.border{ border-color:rgb(227, 207, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 207, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 207, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 207, 215);  
box-shadow:4px 4px 4px 4px rgb(227, 207,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 213.8920, 0.5462, 11.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 207, 215) }
```

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

```
.background{ background-color: rgb(227,  
207, 215) }
```

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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