

Converting Colors

YUV(218.5750, 4.6465, 3.0037)

Have a look what the booklet for
YUV(218.5750, 4.6465, 3.0037)
contains.

YUV(218.5750, 4.6465, 3.0037)	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(218.5750, 4.6465,
3.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	DED7E4
RGB	222, 215, 228
RGB Percent	87%, 84%, 89%
CMY	0.1294, 0.1569, 0.1059
CMYK	0.03, 0.06, 0.00, 0.11
HSL	272°, 19%, 87%
HSV	272°, 6%, 89%
XYZ	68.4282, 69.7319, 83.2518
YIQ	218.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

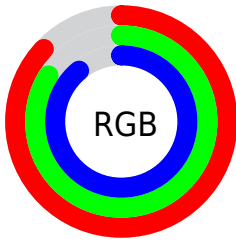
Format	Color
R _{YB}	222, 215, 228
Decimal	14604260
CIE Lab	86.87, 4.74, -5.53
CIE LCh	87, 7.286, 310.625
Yxy	69.7319, 0.3091, 0.3149
Android (android.graphics.Color)	4292794340 (0xFFDED7E4)
YUV	218.5750, 4.6465, 3.0037
Hunter-Lab	83.5056, 0.1360, -0.6559

Details

The YUV color `218.5750, 4.6465, 3.0037` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `224.4250, -4.6465, -3.0037`, and the grayscale version is `219.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `163.5750, 4.6465, 3.0037` is the 20% darker color. If you saturate the color by 10%, you get `201.7850, 12.9240, 8.0816`, and if you desaturate by 10%, it is `235.3650, -3.6309, -2.0741`.

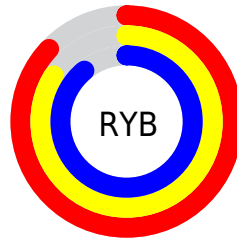
Distribution



Red (87%)

Green (84%)

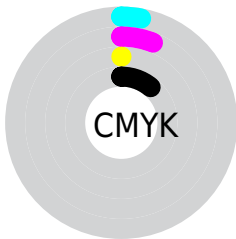
Blue (89%)



Red (87%)

Yellow (84%)

Blue (89%)

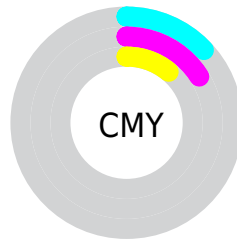


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.5750, 4.6465, 3.0037 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 218.5750, 4.6465, 3.0037 by changing the saturation by 10% instead.

■ 218.5750, 4.6465,
3.0037

■ 218.5750, 4.6465,
3.0037

255.0000, 0.0000,
0.0000

■ 190.5750, 4.6465,
3.0037

■ 163.5750, 4.6465,
3.0037

■ 137.4610, 4.2097,
3.1037

■ 112.0480, 3.9203,
2.5889

■ 87.7490, 4.0677,
1.9741

■ 64.0480, 3.9203,
2.5889

■ 42.5210, 3.1941,

2.1741

■ 21.6350, 3.6309,
2.0741

■ 0.0000, 0.0000,
0.0000

■ 218.5750, 4.6465,
3.0037

■ 218.5750, 4.6465,
3.0037

■ 201.7850, 12.9240,
8.0816

■ 235.3650, -3.6309,
-2.0741

■ 185.2940, 21.0541,
13.7742

■ 248.3340,
-10.0247, -4.6779

■ 169.0910, 29.0421,
18.3372

■ 251.6230,
-11.6461, 2.0846

■ 152.6000, 37.1722,
24.0298

■ 251.9220,
-11.7935, 2.6994

■ 135.8100, 45.4497,
29.1076

■ 119.3190, 53.5797,
34.8002

■ 102.5290, 61.8572,
39.8781

■ 86.6250, 69.6979,
45.0559

■ 69.8350, 77.9753,
50.1337

Harmonies

Analogous

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



217.6990, 6.5574, -3.2440



218.5750, 4.6465, 3.0037



218.8100, 1.5727, 8.9366

Triad

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



218.5750, 4.6465, 3.0037



218.3340, -6.5737, 8.4771



215.4930, 2.2220, -12.7104

Complementary

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



218.5750, 4.6465, 3.0037



224.4250, -4.6465, -3.0037

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.



215.6030, -1.2833, -8.4218



218.5750, 4.6465, 3.0037



217.3010, -6.5574, 3.2440

Square

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



218.5750, 4.6465, 3.0037



218.8120, -4.8373, 11.5659



216.4250, -4.6465, -3.0037



215.5900, 5.1321, -12.7954

Rectangle

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



218.5750, 4.6465, 3.0037



219.2510, -0.6167, 11.1809



216.4250, -4.6465, -3.0037



215.4500, 0.7642, -11.7956

Sweetspot

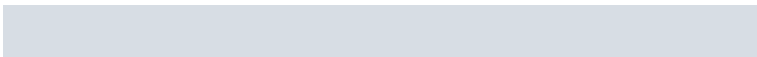
The Sweet Spot groups the original color and five complimentary colors.



218.5750, 4.6465, 3.0037



251.4670, 1.7418, 1.3444



220.0040, 3.9420, -4.3885



125.6410, 1.1630, 0.3148



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.



218.5750, 4.6465, 3.0037



242.0420, 6.3883, 4.3482



220.3690, 3.7621, 6.6924



108.5210, 3.1941, 2.1741



49.1100, 64.0358, 41.1225



13.8870, 18.2967, 11.5001

Inverse Universe

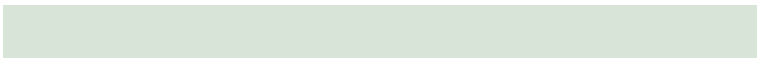
The Inverse Universe completely reimagines the original color for something new.



219.5710, 0.7045, 7.3922



243.2940, 0.8411, 10.2662



222.6310, -3.7621, -6.6924



109.1470, 0.4205, 5.1331



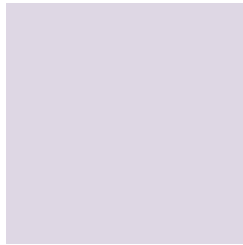
62.8690, 9.4316, 101.8469



17.9850, 2.9654, 28.9542

Previews

White Background



This preview shows how the YUV color 218.5750, 4.6465, 3.0037 looks on a white background.

Color Contrast Check

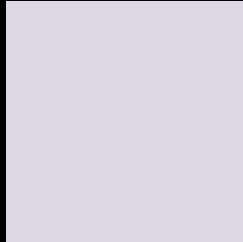
Large Text (above 18pt) WCAG AA × Fail

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 218.5750, 4.6465, 3.0037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

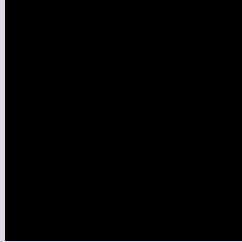
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

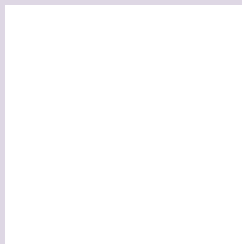
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.5750, 4.6465, 3.0037

Background



This preview shows how black text looks on a background with the YUV color 218.5750, 4.6465, 3.0037.

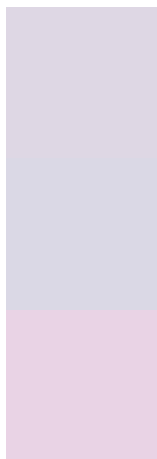


This preview shows how white text looks on a background with the YUV color 218.5750, 4.6465,

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

218.5750, 4.6465, 3.0037

Protanopia

218.0800, 5.3836, -0.0702

Deuteranopia

219.6300, 4.6194, 11.7255



Tritanopia

218.6290, 6.0989, 3.8334

Trichromacy



Original Color

218.5750, 4.6465, 3.0037

Protanomaly

218.3790, 5.2362, 0.5446

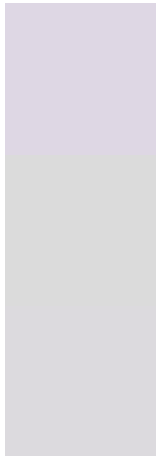
Deuteranomaly

219.0210, 4.9196, 8.7516

Tritanomaly

218.5150, 5.6621, 3.9333

Monochromacy



Original Color

218.5750, 4.6465, 3.0037

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.5750, 4.6465, 3.0037 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(222, 215, 228)` looks like.

```
.text, #text, p{  
    color:rgb(222, 215, 228)  
}
```

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(222, 215, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 215, 228) }
```

Border

The CSS property to change the border of an element to YUV 218.5750, 4.6465, 3.0037 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(222, 215, 228) }
```


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

```
.border{ border-color:rgb(222, 215, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 215, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 215, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 215, 228);  
box-shadow:4px 4px 4px 4px rgb(222, 215,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 218.5750, 4.6465, 3.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 215, 228) }
```

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

```
.background{ background-color: rgb(222,  
215, 228) }
```

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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