

Converting Colors

YUV(213.2460, -3.0793, 7.6773)

Have a look what the booklet for
YUV(213.2460, -3.0793, 7.6773)
contains.

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Color

**YUV(213.2460, -3.0793,
7.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	DED2CF
RGB	222, 210, 207
RGB Percent	87%, 82%, 81%
CMY	0.1294, 0.1765, 0.1882
CMYK	0.00, 0.05, 0.07, 0.13
HSL	12°, 19%, 84%
HSV	12°, 7%, 87%
XYZ	64.4333, 66.1278, 68.3994
YIQ	213.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

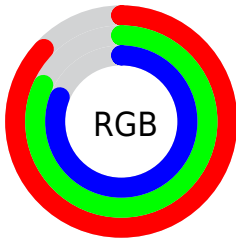
Format	Color
R _{YB}	222, 211, 207
Decimal	14602959
CIE Lab	85.06, 3.62, 2.96
CIE LCh	85, 4.675, 39.219
Yxy	66.1278, 0.3238, 0.3324
Android (android.graphics.Color)	4292793039 (0xFFDED2CF)
YUV	213.2460, -3.0793, 7.6773
Hunter-Lab	81.3190, -0.8734, 7.0530

Details

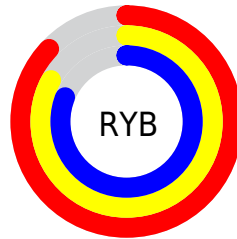
The YUV color $213.2460, -3.0793, 7.6773$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $215.7540, 3.0793, -7.6773$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.9470, -2.9319, 7.0625$ is the 20% darker color. If you saturate the color by 10%, you get $200.1720, -7.4798, 19.1432$, and if you desaturate by 10%, it is $226.3200, 1.3212, -3.7886$.

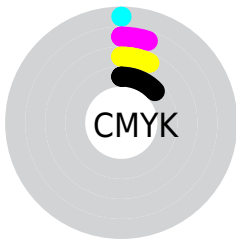
Distribution



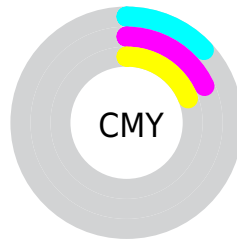
- Red (87%)
- Green (82%)
- Blue (81%)



- Red (87%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.2460, -3.0793, 7.6773 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 213.2460, -3.0793, 7.6773 by changing the saturation by 10% instead.

■ 213.2460, -3.0793,
7.6773

■ 213.2460, -3.0793,
7.6773

255.0000, 0.0000,
0.0000

■ 185.2460, -3.0793,
7.6773

■ 158.9470, -2.9319,
7.0625

■ 132.6480, -2.7845,
6.4477

■ 107.0610, -2.4951,
6.9625

■ 82.7620, -2.3477,
6.3477

■ 59.7620, -2.3477,
6.3477

■ 38.4630, -2.2003,

5.7329

■ 17.5340, -3.2213,
6.5477

■ 0.0000, 0.0000,
0.0000

■ 213.2460, -3.0793,
7.6773

■ 213.2460, -3.0793,
7.6773

■ 200.1720, -7.4798,
19.1432

■ 226.3200, 1.3212,
-3.7886

■ 187.0980,
-11.8803, 30.6091

■ 239.3940, 5.7218,
-15.2545

■ 174.4970,
-17.0070, 41.6601

■ 245.1330, 4.8644,
-20.2876

■ 161.4230,
-21.4075, 53.1260

■ 148.3490,
-25.8081, 64.5919

■ 135.2750,
-30.2086, 76.0578

■ 122.7880,
-34.8985, 87.0089

■ 109.6000,
-39.7358, 98.5748

■ 96.5260, -44.1363,
110.0407

Harmonies

Analogous

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



213.7020, -1.3321, 7.2773



213.2460, -3.0793, 7.6773



212.5940, -4.2368, 5.6181

Triad

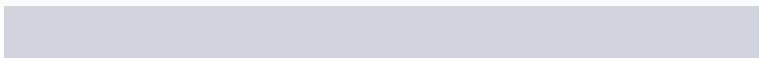
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.2460, -3.0793, 7.6773



211.3260, -1.1467, -5.5479



212.4280, 4.2260, -2.1294

Complementary

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



213.2460, -3.0793, 7.6773



215.7540, 3.0793, -7.6773

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.



212.1070, 4.3842, -6.2328



213.2460, -3.0793, 7.6773



210.9990, 1.4795, -7.8921

Square

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



213.2460, -3.0793, 7.6773



211.8920, -2.9048, -1.6593



211.4550, 3.2267, -8.2920



213.1080, 2.9048, 1.6593

Rectangle

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



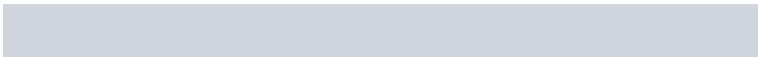
213.2460, -3.0793, 7.6773



212.5830, -4.2314, 3.8737



211.4550, 3.2267, -8.2920



212.4170, 4.2314, -3.8737

Sweetspot

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



213.2460, -3.0793, 7.6773



252.0820, -1.0264, 2.5591



212.8530, 3.0305, 8.0219



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000



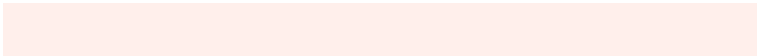
128.0000, 0.0000, 0.0000

Same Dimension

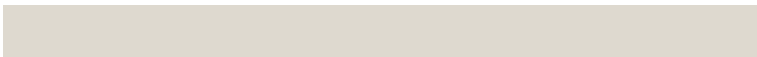
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.2460, -3.0793, 7.6773



243.3280, -4.1057, 10.2363



217.3550, -5.1050, 4.0737



105.4630, -2.2003, 5.7329



73.1690, -36.0723, 90.1828



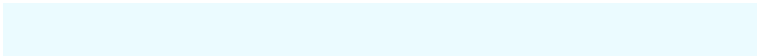
20.2220, -9.9694, 24.3613

Inverse Universe

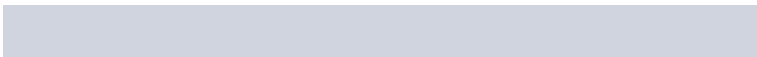
The Inverse Universe completely reimagines the original color for something new.



215.7540, 3.0793, -7.6773



246.6720, 4.1057, -10.2363



211.6450, 5.1050, -4.0737



107.5370, 2.2003, -5.7329



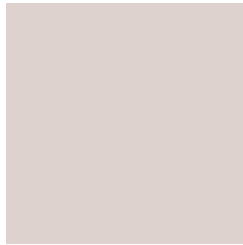
102.8310, 36.0723, -90.1828



28.3650, 9.6801, -24.8761

Previews

White Background



This preview shows how the YUV color 213.2460, -3.0793, 7.6773 looks on a white background.

Color Contrast Check

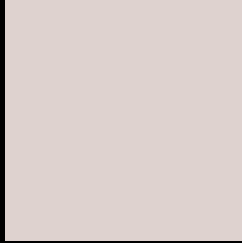
Large Text (above 18pt) WCAG AA × Fail

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 213.2460, -3.0793, 7.6773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

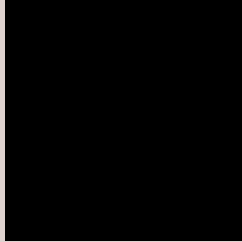
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

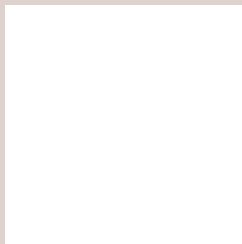
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.2460, -3.0793, 7.6773

Background



This preview shows how black text looks on a background with the YUV color 213.2460, -3.0793, 7.6773.



This preview shows how white text looks on a background with the YUV color 213.2460, -3.0793,

7.6773.

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

213.2460, -3.0793, 7.6773

Protanopia

212.4520, -2.1948, 3.9886

Deuteranopia

214.3120, -3.1118, 18.1434



Tritanopia

214.0210, 4.9196, 8.7516

Trichromacy



Original Color

213.2460, -3.0793, 7.6773

Protanomaly

213.0500, -2.4896, 5.2182

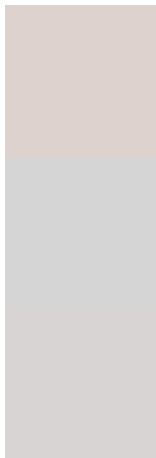
Deuteranomaly

213.9910, -2.9536, 14.0399

Tritanomaly

213.6250, 2.1569, 8.2219

Monochromacy



Original Color

213.2460, -3.0793, 7.6773

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.2460, -3.0793, 7.6773 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, 210, 207)` looks like.

```
.text, #text, p{  
    color:rgb(222, 210, 207)  
}
```

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, 210, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 210, 207) }
```

Border

The CSS property to change the border of an element to YUV 213.2460, -3.0793, 7.6773 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, 210, 207) }
```


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

```
.border{ border-color:rgb(222, 210, 207) }
```

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

Here you see how a box with a 4 pixel rgb(222, 210, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 210, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 210, 207);  
box-shadow:4px 4px 4px 4px rgb(222, 210,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 213.2460, -3.0793, 7.6773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 210, 207) }
```

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

```
.background{ background-color: rgb(222,  
210, 207) }
```

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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