

Converting Colors

YUV(217.6050, -4.2423, 7.3624)

Have a look what the booklet for
YUV(217.6050, -4.2423, 7.3624)
contains.

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Color

**YUV(217.6050, -4.2423,
7.3624)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D7D1
RGB	226, 215, 209
RGB Percent	89%, 84%, 82%
CMY	0.1137, 0.1569, 0.1804
CMYK	0.00, 0.05, 0.08, 0.11
HSL	21°, 23%, 85%
HSV	21°, 8%, 89%
XYZ	67.1731, 69.3731, 70.1715
YIQ	217.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

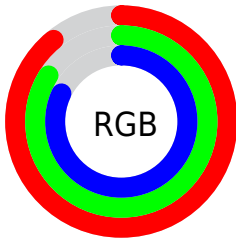
Format	Color
R _Y B	226, 218, 209
Decimal	14866385
CIE Lab	86.69, 2.75, 4.29
CIE LCh	87, 5.099, 57.377
Yxy	69.3731, 0.3250, 0.3356
Android (android.graphics.Color)	4293056465 (0xFFE2D7D1)
YUV	217.6050, -4.2423, 7.3624
Hunter-Lab	83.2905, -1.7996, 8.3520

Details

The YUV color $217.6050, -4.2423, 7.3624$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.3950, 4.2423, -7.3624$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.7190, -3.8055, 7.2624$ is the 20% darker color. If you saturate the color by 10%, you get $206.1780, -9.9478, 17.3839$, and if you desaturate by 10%, it is $229.0320, 1.4632, -2.6591$.

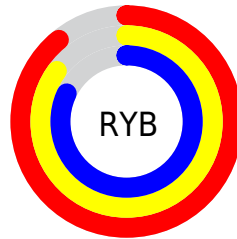
Distribution



Red (89%)

Green (84%)

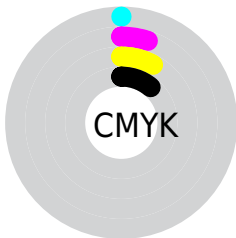
Blue (82%)



Red (89%)

Yellow (85%)

Blue (82%)

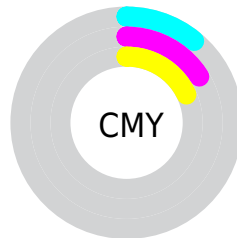


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.6050, -4.2423, 7.3624 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 217.6050, -4.2423, 7.3624 by changing the saturation by 10% instead.

■ 217.6050, -4.2423,
7.3624

■ 217.6050, -4.2423,
7.3624

255.0000, 0.0000,
0.0000

■ 189.6050, -4.2423,
7.3624

■ 162.7190, -3.8055,
7.2624

■ 136.4200, -3.6581,
6.6477

■ 111.1210, -3.5107,
6.0329

■ 87.1210, -3.5107,
6.0329

■ 63.2350, -3.0739,
5.9329

■ 41.8220, -3.3632,

5.4181

■ 20.8220, -3.3632,
5.4181

■ 0.0000, 0.0000,
0.0000

■ 217.6050, -4.2423,
7.3624

■ 217.6050, -4.2423,
7.3624

■ 206.1780, -9.9478,
17.3839

■ 229.0320, 1.4632,
-2.6591

■ 195.4520,
-15.5058, 26.7906

■ 239.7580, 7.0213,
-12.0658

■ 184.0250,
-21.2113, 36.8121

■ 246.3290, 4.2748,
-17.8285

■ 173.2990,
-26.7694, 46.2188

■ 161.8720,
-32.4749, 56.2403

■ 150.4450,
-38.1804, 66.2617

■ 139.7190,
-43.7385, 75.6684

■ 128.2920,
-49.4440, 85.6899

■ 116.9790,
-54.7126, 95.6114

Harmonies

Analogous

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



218.0720, -2.5005, 8.7069



217.6050, -4.2423, 7.3624



216.7680, -4.8156, 4.5885

Triad

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



217.6050, -4.2423, 7.3624



215.6570, 0.1691, -7.5922



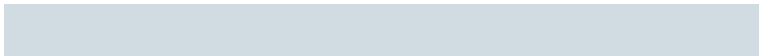
217.7380, 4.0732, 0.2298

Complementary

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



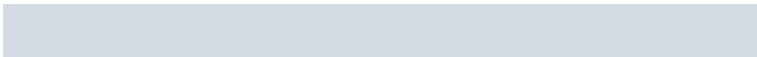
217.6050, -4.2423, 7.3624



217.3950, 4.2423, -7.3624

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.



217.2320, 4.8156, -4.5885



217.6050, -4.2423, 7.3624



215.6290, 2.6479, -9.3216

Square

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



217.6050, -4.2423, 7.3624



215.8100, -1.8783, -4.2184



216.0960, 4.3897, -7.9772



218.1900, 1.8783, 4.2184

Rectangle

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



217.6050, -4.2423, 7.3624



216.8600, -4.3680, 0.9998



216.0960, 4.3897, -7.9772



217.1400, 4.3680, -0.9998

Sweetspot

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



217.6050, -4.2423, 7.3624



252.6690, -1.3158, 2.0443



215.3370, 2.2989, 9.3515



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000



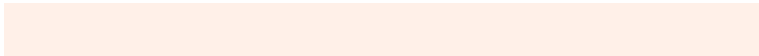
128.0000, 0.0000, 0.0000

Same Dimension

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



217.6050, -4.2423, 7.3624



243.5730, -5.7055, 10.0215



222.3010, -6.5574, 3.2440



106.6370, -2.7790, 4.7034



89.0180, -43.8859, 76.2832



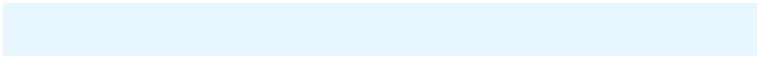
24.3310, -11.9952, 20.7577

Inverse Universe

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



217.3950, 4.2423, -7.3624



243.4270, 5.7055, -10.0215



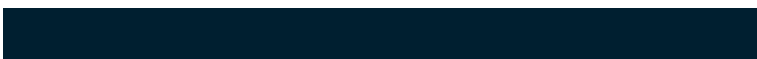
212.6990, 6.5574, -3.2440



106.3630, 2.7790, -4.7034



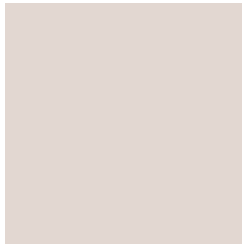
86.9820, 43.8859, -76.2832



23.6690, 11.9952, -20.7577

Previews

White Background



This preview shows how the YUV color 217.6050, -4.2423, 7.3624 looks on a white background.

Color Contrast Check

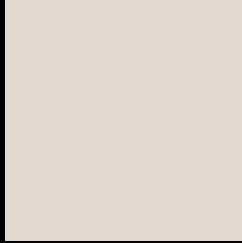
Large Text (above 18pt) WCAG AA × Fail

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 217.6050, -4.2423, 7.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

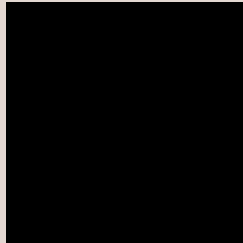
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

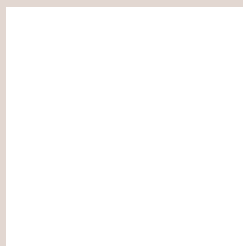
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.6050, -4.2423, 7.3624

Background



This preview shows how black text looks on a background with the YUV color 217.6050, -4.2423, 7.3624.



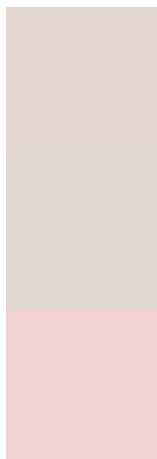
This preview shows how white text looks on a background with the YUV color 217.6050, -4.2423,

7.3624.

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

217.6050, -4.2423, 7.3624

Protanopia

217.4090, -3.6526, 4.9033

Deuteranopia

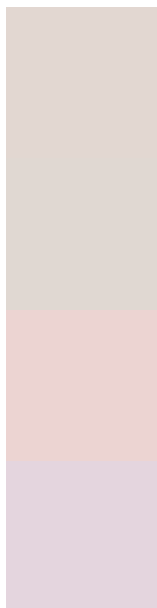
219.2690, -4.5696, 19.0581



Tritanopia

219.0210, 4.9196, 8.7516

Trichromacy



Original Color

217.6050, -4.2423, 7.3624

Protanomaly

217.7080, -3.8000, 5.5181

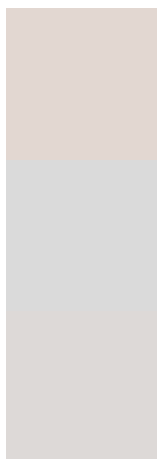
Deuteranomaly

218.9480, -4.4114, 14.9546

Tritanomaly

218.5110, 1.7201, 8.3219

Monochromacy



Original Color

217.6050, -4.2423, 7.3624

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.9680, -1.4632, 2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6050, -4.2423, 7.3624 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(226, 215, 209)` looks like.

```
.text, #text, p{  
    color:rgb(226, 215, 209)  
}
```

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(226, 215, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 215, 209) }
```

Border

The CSS property to change the border of an element to YUV 217.6050, -4.2423, 7.3624 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(226, 215, 209) }
```


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

```
.border{ border-color:rgb(226, 215, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 215, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 215, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 215, 209);  
box-shadow:4px 4px 4px 4px rgb(226, 215,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 217.6050, -4.2423, 7.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 215, 209) }
```

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

```
.background{ background-color: rgb(226,  
215, 209) }
```

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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