

Converting Colors

YUV(216.3090, 4.7777, 7.6220)

Have a look what the booklet for
YUV(216.3090, 4.7777, 7.6220)
contains.

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Color

**YUV(216.3090, 4.7777,
7.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D2E2
RGB	225, 210, 226
RGB Percent	88%, 82%, 89%
CMY	0.1176, 0.1765, 0.1137
CMYK	0.00, 0.07, 0.00, 0.11
HSL	296°, 22%, 85%
HSV	296°, 7%, 89%
XYZ	67.8254, 67.5917, 81.4232
YIQ	216.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

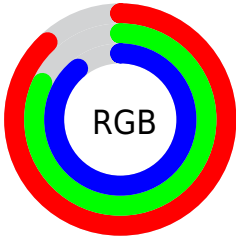
Format	Color
R _Y B	225, 210, 226
Decimal	14799586
CIE Lab	85.80, 8.01, -6.01
CIE LCh	86, 10.014, 323.090
Yxy	67.5917, 0.3128, 0.3117
Android (android.graphics.Color)	4292989666 (0xFFE1D2E2)
YUV	216.3090, 4.7777, 7.6220
Hunter-Lab	82.2142, 3.3848, -1.1697

Details

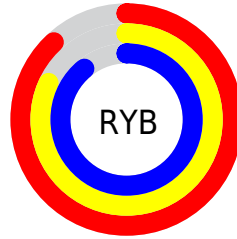
The YUV color `216.3090, 4.7777, 7.6220` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `219.6910, -4.7777, -7.6220`, and the grayscale version is `216.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `161.8960, 4.4883, 7.1072` is the 20% darker color. If you saturate the color by 10%, you get `202.5090, 11.5811, 18.8476`, and if you desaturate by 10%, it is `230.1090, -2.0257, -3.6036`.

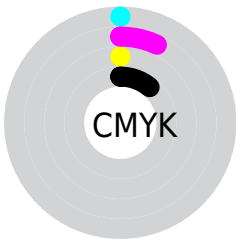
Distribution



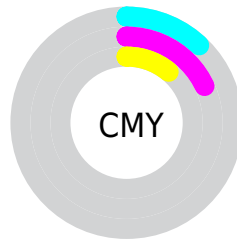
- Red (88%)
- Green (82%)
- Blue (89%)



- Red (88%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3090, 4.7777, 7.6220 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 216.3090, 4.7777, 7.6220 by changing the saturation by 10% instead.

■ 216.3090, 4.7777,
7.6220

■ 216.3090, 4.7777,
7.6220

255.0000, 0.0000,
0.0000

■ 188.3090, 4.7777,
7.6220

■ 161.8960, 4.4883,
7.1072

■ 135.4830, 4.1989,
6.5924

■ 109.8960, 4.4883,
7.1072

■ 85.4830, 4.1989,
6.5924

■ 62.0700, 3.9095,
6.0776

■ 40.6570, 3.6201,

5.5628

■ 19.6570, 3.6201,
5.5628

■ 0.0000, 0.0000,
0.0000

■ 216.3090, 4.7777,
7.6220

■ 216.3090, 4.7777,
7.6220

■ 202.5090, 11.5811,
18.8476

■ 230.1090, -2.0257,
-3.6036

■ 188.9970, 18.2425,
28.9436

■ 243.6210, -8.6872,
-13.6996

■ 175.1970, 25.0459,
40.1692

■ 243.9200, -8.8346,
-13.0848

■ 161.6850, 31.7073,
50.2653

■ 244.5180, -9.1294,
-11.8553

147.8850, 38.5107,
61.4909

244.8170, -9.2768,
-11.2405

134.0850, 45.3141,
72.7165

245.1160, -9.4242,
-10.6257

120.5730, 51.9755,
82.8125

245.7140, -9.7190,
-9.3962

106.7730, 58.7789,
94.0381

246.0130, -9.8664,
-8.7814

93.2610, 65.4403,
104.1341

246.6110,
-10.1612, -7.5518

Harmonies

Analogous

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



215.4650, 8.1518, -1.2848



216.3090, 4.7777, 7.6220



216.5010, 0.2460, 14.4696

Triad

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



216.3090, 4.7777, 7.6220



214.6500, -9.1944, 9.0770



211.5570, 5.1484, -18.0285

Complementary

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



216.3090, 4.7777, 7.6220



219.6910, -4.7777, -7.6220

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.



211.6130, 0.1908, -14.5696



216.3090, 4.7777, 7.6220



213.2360, -8.0043, 0.6700

Square

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



216.3090, 4.7777, 7.6220



215.4380, -7.6109, 14.5249



212.3920, -4.6303, -8.2368



212.6650, 8.0532, -16.3692

Rectangle

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



216.3090, 4.7777, 7.6220



216.4150, -2.6696, 16.2990



212.3920, -4.6303, -8.2368



211.4000, 3.2538, -17.0138

Sweetspot

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



216.3090, 4.7777, 7.6220



252.0650, 1.4470, 2.5740



212.4110, 6.6994, -2.1144



125.9400, 1.0156, 0.9296



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.



216.3090, 4.7777, 7.6220



242.9610, 5.9352, 9.6812



215.8100, 1.5727, 8.9366



105.2440, 3.3307, 5.0480



69.3990, 52.5543, 83.8421



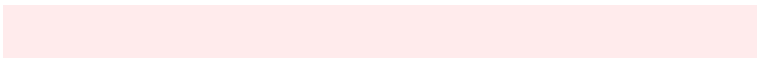
18.9270, 14.3330, 22.8660

Inverse Universe

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



214.8980, -1.9217, 9.7365



241.0940, -2.5113, 12.1956



220.1900, -1.5727, -8.9366



104.4030, -1.1847, 6.6626



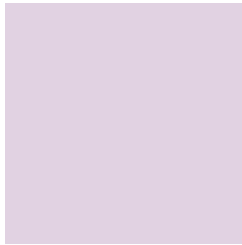
53.8780, -21.1389, 107.1010



14.6940, -5.7651, 29.2094

Previews

White Background



This preview shows how the YUV color 216.3090, 4.7777, 7.6220 looks on a white background.

Color Contrast Check

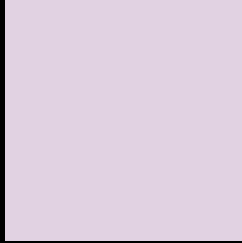
Large Text (above 18pt) WCAG AA × Fail

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 216.3090, 4.7777, 7.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

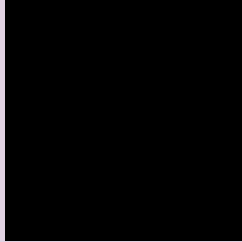
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.3090, 4.7777, 7.6220

Background



This preview shows how black text looks on a background with the YUV color 216.3090, 4.7777, 7.6220.



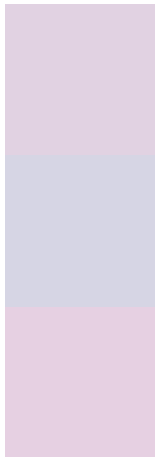
This preview shows how white text looks on a background with the YUV color 216.3090, 4.7777,

7.6220.

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

216.3090, 4.7777, 7.6220

Protanopia

215.0090, 6.4046, -0.8849

Deuteranopia

216.6300, 4.6194, 11.7255



Tritanopia

216.3090, 4.7777, 7.6220

Trichromacy



Original Color

216.3090, 4.7777, 7.6220

Protanomaly

215.5040, 5.6675, 2.1890

Deuteranomaly

216.6190, 4.6248, 9.9811

Tritanomaly

216.3090, 4.7777, 7.6220

Monochromacy



Original Color

216.3090, 4.7777, 7.6220

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.1790, 1.8838, 2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3090, 4.7777, 7.6220 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(225, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 210, 226)  
}
```

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(225, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 226) }
```

Border

The CSS property to change the border of an element to YUV 216.3090, 4.7777, 7.6220 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(225, 210, 226) }
```


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

```
.border{ border-color:rgb(225, 210, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 210, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 210,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 216.3090, 4.7777, 7.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 226) }
```

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

```
.background{ background-color: rgb(225,  
210, 226) }
```

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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