

Converting Colors

YUV(217.3050, 0.8356, 12.0105)

Have a look what the booklet for
YUV(217.3050, 0.8356, 12.0105)
contains.

YUV(217.3050, 0.8356, 12.0105)	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(217.3050, 0.8356,
12.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D2DB
RGB	231, 210, 219
RGB Percent	91%, 82%, 86%
CMY	0.0941, 0.1765, 0.1412
CMYK	0.00, 0.09, 0.05, 0.09
HSL	334°, 30%, 86%
HSV	334°, 9%, 91%
XYZ	68.7878, 68.1966, 76.5556
YIQ	217.3050, 9.6270, 7.2510

Conversions

Conversions Part 2

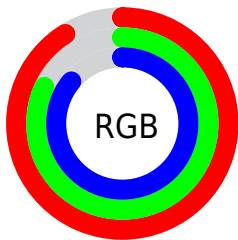
Format	Color
R _Y B	231, 210, 219
Decimal	15192795
CIE Lab	86.10, 8.81, -1.80
CIE LCh	86, 8.988, 348.447
Yxy	68.1966, 0.3221, 0.3194
Android (android.graphics.Color)	4293382875 (0xFFE7D2DB)
YUV	217.3050, 0.8356, 12.0105
Hunter-Lab	82.5812, 4.1682, 2.8430

Details

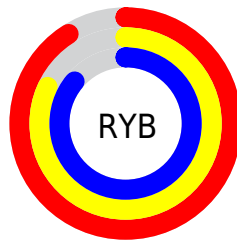
The YUV color $217.3050, 0.8356, 12.0105$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.6950, -0.8356, -12.0105$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.5930, 0.6937, 10.8809$ is the 20% darker color. If you saturate the color by 10%, you get $202.3220, 1.8133, 25.1506$, and if you desaturate by 10%, it is $232.2880, -0.1420, -1.1296$.

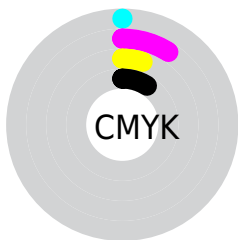
Distribution



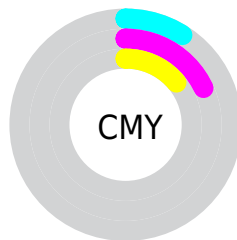
- Red (91%)
- Green (82%)
- Blue (86%)



- Red (91%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 217.3050, 0.8356, 12.0105 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 217.3050, 0.8356, 12.0105 by changing the saturation by 10% instead.


 217.3050, 0.8356,
12.0105

 217.3050, 0.8356,
12.0105

255.0000, 0.0000,
0.0000


 189.3050, 0.8356,
12.0105

 162.5930, 0.6937,
10.8809

 136.0060, 0.9830,
11.3957

 110.5930, 0.6937,
10.8809

 86.2940, 0.8411,
10.2662

 62.9950, 0.9885,
9.6514

 41.2830, 0.8465,

8.5218

■ 20.2830, 0.8465,
8.5218

■ 0.0000, 0.0000,
0.0000

■ 217.3050, 0.8356,
12.0105

■ 217.3050, 0.8356,
12.0105

■ 202.3220, 1.8133,
25.1506

■ 232.2880, -0.1420,
-1.1296

■ 187.3390, 2.7909,
38.2907

■ 246.6840, -0.8302,
-13.7549

■ 172.2420, 3.3317,
51.5308

■ 247.8240, 3.5378,
-14.7546

■ 157.2590, 4.3093,
64.6709

■ 141.6890, 5.5763,
78.3257

■ 126.7060, 6.5539,
91.4658

■ 111.7230, 7.5316,
104.6059

■ 96.6260, 8.0724,
117.8460

■ 81.6430, 9.0500,
130.9861

Harmonies

Analogous

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



216.9990, 4.9305, 5.2629



217.3050, 0.8356, 12.0105



217.1760, -3.5378, 14.7546

Triad

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



217.3050, 0.8356, 12.0105



214.3610, -7.5730, 2.3144



213.1490, 7.3215, -15.0397

Complementary

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



217.3050, 0.8356, 12.0105



223.6950, -0.8356, -12.0105

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.



212.5250, 3.6852, -15.3694



217.3050, 0.8356, 12.0105



213.7020, -4.7831, -5.8777

Square

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



217.3050, 0.8356, 12.0105



215.8780, -8.3209, 8.8770



212.8090, -0.3988, -12.1105



214.5240, 8.6157, -10.1065

Rectangle

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



217.3050, 0.8356, 12.0105



216.8940, -5.8637, 14.1250



212.8090, -0.3988, -12.1105



213.2090, 6.3060, -15.9693

Sweetspot

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



217.3050, 0.8356, 12.0105



249.8480, 0.5679, 4.5183



215.9820, 7.4039, 5.2778



124.1360, 0.4260, 3.3887



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.



217.3050, 0.8356, 12.0105



236.7400, 1.1142, 16.0140



216.8660, -3.3849, 12.3955



107.1580, 0.4151, 6.8774



62.1850, 6.8108, 102.4468



17.7570, 2.0918, 29.1541

Inverse Universe

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



217.3050, 0.8356, 12.0105



236.7400, 1.1142, 16.0140



224.1340, 3.3849, -12.3955



107.1580, 0.4151, 6.8774



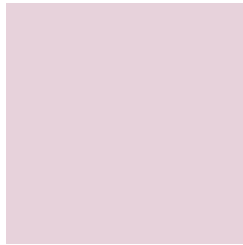
62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 217.3050, 0.8356, 12.0105 looks on a white background.

Color Contrast Check

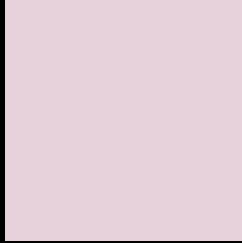
Large Text (above 18pt) WCAG AA × Fail

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 217.3050, 0.8356, 12.0105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

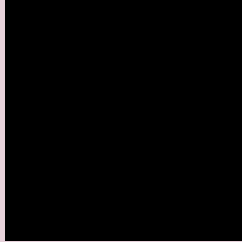
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.3050, 0.8356, 12.0105

Background



This preview shows how black text looks on a background with the YUV color 217.3050, 0.8356, 12.0105.

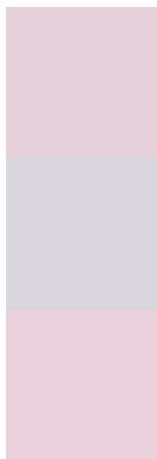


This preview shows how white text looks on a background with the YUV color 217.3050, 0.8356,

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

217.3050, 0.8356, 12.0105

Protanopia

215.8090, 3.0522, 1.0445

Deuteranopia

217.6150, 0.6828, 14.3696



Tritanopia

217.7010, 3.5984, 12.5402

Trichromacy



Original Color

217.3050, 0.8356, 12.0105

Protanomaly

216.6030, 2.1677, 4.7332

Deuteranomaly

217.3160, 0.8302, 13.7549

Tritanomaly

217.4730, 2.7248, 12.7402

Monochromacy



Original Color

217.3050, 0.8356, 12.0105

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.8480, 0.5679, 4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.3050, 0.8356, 12.0105 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(231, 210, 219)` looks like.

```
.text, #text, p{  
    color:rgb(231, 210, 219)  
}
```

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(231, 210, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 210, 219) }
```

Border

The CSS property to change the border of an element to YUV 217.3050, 0.8356, 12.0105 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(231, 210, 219) }
```


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

```
.border{ border-color:rgb(231, 210, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 210, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 210, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 210, 219);  
box-shadow:4px 4px 4px 4px rgb(231, 210,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 217.3050, 0.8356, 12.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 210, 219) }
```

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

```
.background{ background-color: rgb(231,  
210, 219) }
```

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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