

Converting Colors

YUV(217.7270, 7.5296, 11.6404)

Have a look what the booklet for
YUV(217.7270, 7.5296, 11.6404)
contains.

YUV(217.7270, 7.5296, 11.6404)	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(217.7270, 7.5296,
11.6404)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D0E9
RGB	231, 208, 233
RGB Percent	91%, 82%, 91%
CMY	0.0941, 0.1843, 0.0863
CMYK	0.01, 0.11, 0.00, 0.09
HSL	295°, 36%, 86%
HSV	295°, 11%, 91%
XYZ	70.2189, 67.9839, 86.5121
YIQ	217.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

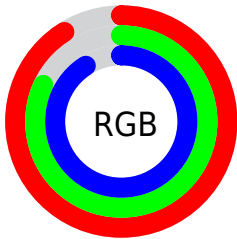
Format	Color
R _Y B	231, 208, 233
Decimal	15192297
CIE Lab	86.00, 12.36, -9.38
CIE LCh	86, 15.513, 322.792
Yxy	67.9839, 0.3125, 0.3025
Android (android.graphics.Color)	4293382377 (0xFFE7D0E9)
YUV	217.7270, 7.5296, 11.6404
Hunter-Lab	82.4523, 7.7243, -4.4926

Details

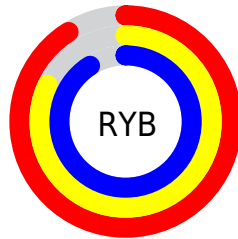
The YUV color $217.7270, 7.5296, 11.6404$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $223.2730, -7.5296, -11.6404$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.9010, 6.9508, 10.6108$ is the 20% darker color. If you saturate the color by 10%, you get $203.6280, 14.4804, 22.2512$, and if you desaturate by 10%, it is $231.8260, 0.5788, 1.0296$.

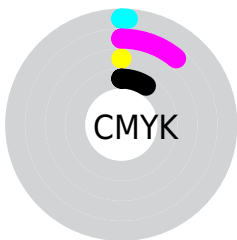
Distribution



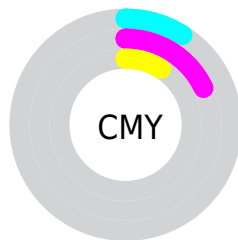
- Red (91%)
- Green (82%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 217.7270, 7.5296, 11.6404 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 217.7270, 7.5296, 11.6404 by changing the saturation by 10% instead.

217.7270, 7.5296,
11.6404

217.7270, 7.5296,
11.6404

255.0000, 0.0000,
0.0000

189.7270, 7.5296,
11.6404

162.9010, 6.9508,
10.6108

136.9010, 6.9508,
10.6108

111.4880, 6.6614,
10.0960

86.4880, 6.6614,
10.0960

63.0750, 6.3720,
9.5812

41.2490, 5.7932,

8.5516

■ 20.2490, 5.7932,
8.5516

■ 0.6840, 2.6208,
-0.5999

■ 217.7270, 7.5296,
11.6404

■ 217.7270, 7.5296,
11.6404

■ 203.6280, 14.4804,
22.2512

■ 231.8260, 0.5788,
1.0296

■ 188.9420, 21.7206,
33.3769

■ 246.5120, -6.6614,
-10.0960

■ 174.8430, 28.6714,
43.9877

■ 247.1100, -6.9562,
-8.8665

■ 161.0430, 35.4748,
55.2133

■ 247.4090, -7.1036,
-8.2517

146.3570, 42.7150,
66.3389

248.0070, -7.3985,
-7.0221

132.2580, 49.6658,
76.9497

248.6050, -7.6933,
-5.7926

118.1590, 56.6166,
87.5606

249.2030, -7.9881,
-4.5630

104.0600, 63.5674,
98.1714

249.8010, -8.2829,
-3.3335

90.5480, 70.2288,
108.2674

250.3990, -8.5777,
-2.1039

Harmonies

Analogous

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



216.6050, 12.5197, -2.2846



217.7270, 7.5296, 11.6404



217.9580, 0.5137, 21.9618

Triad

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



217.7270, 7.5296, 11.6404



215.3040, -14.4469, 13.7654



210.4740, 7.6543, -28.4797

Complementary

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



217.7270, 7.5296, 11.6404



223.2730, -7.5296, -11.6404

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.



210.5580, 0.2179, -23.2914



217.7270, 7.5296, 11.6404



213.6830, -12.6617, 1.1550

Square

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



217.7270, 7.5296, 11.6404



216.3420, -12.0006, 22.5021



211.3870, -7.0928, -11.7404



211.2770, 13.1744, -25.6759

Rectangle

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



217.7270, 7.5296, 11.6404



217.7150, -4.2965, 24.8059



211.3870, -7.0928, -11.7404



210.2030, 5.3229, -27.3650

Sweetspot

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



217.7270, 7.5296, 11.6404



250.0050, 2.4625, 3.5036



212.0240, 10.3412, -3.5290



124.1790, 1.8838, 2.4740



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.



217.7270, 7.5296, 11.6404



234.7320, 9.9921, 15.1440



217.1850, 2.8668, 13.8698



110.2440, 3.3307, 5.0480



70.5670, 54.4435, 84.5717



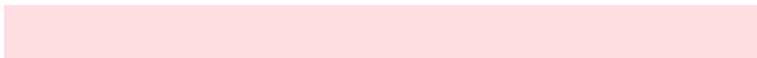
20.8070, 16.3641, 24.7253

Inverse Universe

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



215.7030, -2.8116, 15.1695



232.2090, -3.5540, 19.9877



223.8150, -2.8668, -13.8698



109.4030, -1.1847, 6.6626



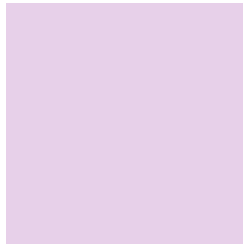
55.7150, -20.5655, 109.8749



16.6020, -6.2128, 32.7980

Previews

White Background



This preview shows how the YUV color 217.7270, 7.5296, 11.6404 looks on a white background.

Color Contrast Check

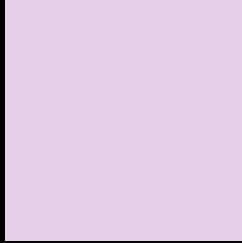
Large Text (above 18pt) WCAG AA × Fail

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 217.7270, 7.5296, 11.6404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

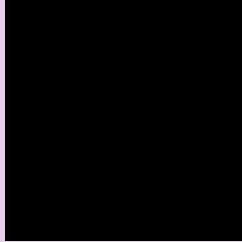
Any Text WCAG AA ✓ Pass

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 217.7270, 7.5296, 11.6404 Background



This preview shows how black text looks on a background with the YUV color 217.7270, 7.5296, 11.6404.



This preview shows how white text looks on a background with the YUV color 217.7270, 7.5296,

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

217.7270, 7.5296, 11.6404

Protanopia

216.3230, 10.1938, -2.9143

Deuteranopia

217.4170, 7.6824, 9.2813



Tritanopia

217.2170, 4.3300, 11.2107

Trichromacy



Original Color

217.7270, 7.5296, 11.6404

Protanomaly

217.1280, 9.3039, 2.5187

Deuteranomaly

217.7160, 7.5350, 9.8961

Tritanomaly

217.5590, 5.6404, 10.9108

Monochromacy



Original Color

217.7270, 7.5296, 11.6404

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.7170, 2.6045, 4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.7270, 7.5296, 11.6404 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, 208, 233)` looks like.

```
.text, #text, p{  
    color:rgb(231, 208, 233)  
}
```

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, 208, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 208, 233) }
```

Border

The CSS property to change the border of an element to YUV 217.7270, 7.5296, 11.6404 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, 208, 233) }
```


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

```
.border{ border-color:rgb(231, 208, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 208, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 208, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 208, 233);  
box-shadow:4px 4px 4px 4px rgb(231, 208,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 217.7270, 7.5296, 11.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 208, 233) }
```

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

```
.background{ background-color: rgb(231,  
208, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor