

Converting Colors

YUV(172.7810, -4.3290,
35.2721)

Have a look what the booklet for
YUV(172.7810, -4.3290, 35.2721)
contains.

YUV(172.7810, -4.3290, 35.2721)	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(172.7810, -4.3290,
35.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	D59AA4
RGB	213, 154, 164
RGB Percent	84%, 60%, 64%
CMY	0.1647, 0.3961, 0.3569
CMYK	0.00, 0.28, 0.23, 0.16
HSL	350°, 41%, 72%
HSV	350°, 28%, 84%
XYZ	45.6970, 39.9377, 40.4222
YIQ	172.7810, 31.9540, 15.6180

Conversions

Conversions Part 2

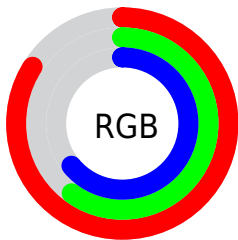
Format	Color
R _Y B	213, 154, 164
Decimal	13998756
CIE Lab	69.43, 23.49, 3.54
CIE LCh	69, 23.754, 8.578
Yxy	39.9377, 0.3625, 0.3168
Android (android.graphics.Color)	4292188836 (0xFFD59AA4)
YUV	172.7810, -4.3290, 35.2721
Hunter-Lab	63.1963, 18.4793, 6.3137

Details

The YUV color $172.7810, -4.3290, 35.2721$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $194.2190, 4.3290, -35.2721$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.8940, -2.4127, 27.2800$, and $119.5850, -3.7394, 32.8130$ is the 20% darker color. If you saturate the color by 10%, you get $158.4020, -6.1142, 47.8824$, and if you desaturate by 10%, it is $187.1600, -2.5439, 22.6617$.

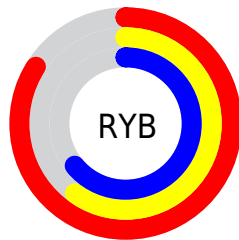
Distribution



Red (84%)

Green (60%)

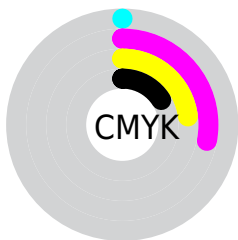
Blue (64%)



Red (84%)

Yellow (60%)

Blue (64%)

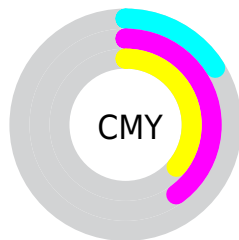


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (16%)



Cyan (16%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7810, -4.3290, 35.2721 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 172.7810, -4.3290, 35.2721 by changing the saturation by 10% instead.

■ 172.7810, -4.3290,
35.2721

■ 172.7810, -4.3290,
35.2721

255.0000, 0.0000,
0.0000

■ 146.1830, -4.0342,
34.0425

■ 223.8940, -2.4127,
27.2800

■ 119.5850, -3.7394,
32.8130

■ 243.5220, 1.7147,
10.0662

■ 94.6880, -3.2972,
30.9686

■ 70.2040, -2.5656,
29.6391

■ 47.3070, -2.1234,
27.7948

■ 23.9370, -0.9549,
26.3653

■ 10.5790, -4.7224,

21.4172

0.0000, 0.0000,
0.0000

172.7810, -4.3290,
35.2721

172.7810, -4.3290,
35.2721

158.4020, -6.1142,
47.8824

187.1600, -2.5439,
22.6617

143.5500, -7.1731,
60.9077

202.0120, -1.4849,
9.6365

129.1710, -8.9583,
73.5180

216.3910, 0.3002,
-2.9739

114.7920,
-10.7435, 86.1284

230.7700, 2.0854,
-15.5843

99.9400, -11.8024,
99.1536

242.1000, 4.8807,
-25.5207

■ 85.5610, -13.5876,
111.7640

■ 242.4420, 6.1911,
-25.8206

■ 71.1820, -15.3727,
124.3744

■ 67.7910, -15.6730,
127.3483

Harmonies

Analogous

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



173.4730, 6.1758, 25.8952



172.7810, -4.3290, 35.2721



171.6640, -13.6384, 34.4977

Triad

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



172.7810, -4.3290, 35.2721



165.0470, -14.8132, -8.8112



164.2140, 22.0795, -35.2677

Complementary

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



172.7810, -4.3290, 35.2721



194.2190, 4.3290, -35.2721

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.



160.2960, 17.6021, -45.8636



172.7810, -4.3290, 35.2721



162.2710, -4.5706, -27.4247

Square

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



172.7810, -4.3290, 35.2721



167.7890, -20.1090, 9.8320



160.2720, 7.2609, -42.3345



168.8190, 21.2882, -14.7503

Rectangle

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



172.7810, -4.3290, 35.2721



170.7790, -18.1320, 29.1348



160.2720, 7.2609, -42.3345



162.9530, 21.2222, -40.3008

Sweetspot

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



172.7810, -4.3290, 35.2721



241.3220, -1.6377, 11.9956



175.0780, 18.6955, 23.6106



119.1150, -1.0427, 7.7921



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.



172.7810, -4.3290, 35.2721



197.7120, -6.2670, 50.2416



182.7940, -14.1954, 26.4907



99.5170, -0.7479, 6.5626



54.4350, -12.5395, 102.2275



13.6550, -3.2809, 25.7356

Inverse Universe

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



172.7810, -4.3290, 35.2721



197.7120, -6.2670, 50.2416



184.2060, 14.1954, -26.4907



99.5170, -0.7479, 6.5626



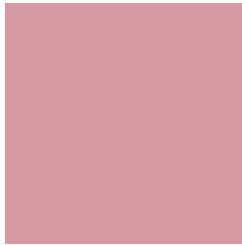
54.4350, -12.5395, 102.2275



13.6550, -3.2809, 25.7356

Previews

White Background



This preview shows how the YUV color 172.7810, -4.3290, 35.2721 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 172.7810, -4.3290, 35.2721 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 172.7810, -4.3290, 35.2721

Background



This preview shows how black text looks on a background with the YUV color 172.7810, -4.3290, 35.2721.



This preview shows how white text looks on a background with the YUV color 172.7810, -4.3290,

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

172.7810, -4.3290, 35.2721

Protanopia

170.3530, 1.3050, 1.4444

Deuteranopia

171.2470, -4.5588, 15.5694



Tritanopia

173.0090, -3.4554, 35.0721

Trichromacy



Original Color

172.7810, -4.3290, 35.2721

Protanomaly

171.5610, -0.7696, 13.5400

Deuteranomaly

171.7040, -4.2911, 23.0616

Tritanomaly

172.8950, -3.8922, 35.1721

Monochromacy



Original Color

172.7810, -4.3290, 35.2721

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0340, -1.4958, 13.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7810, -4.3290, 35.2721 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(213, 154, 164)` looks like.

```
.text, #text, p{  
    color:rgb(213, 154, 164)  
}
```

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(213, 154, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 154, 164) }
```

Border

The CSS property to change the border of an element to YUV 172.7810, -4.3290, 35.2721 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(213, 154, 164) }
```


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

```
.border{ border-color:rgb(213, 154, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 154, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 154, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 154, 164);  
box-shadow:4px 4px 4px 4px rgb(213, 154,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 172.7810, -4.3290, 35.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 154, 164) }
```

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

```
.background{ background-color: rgb(213,  
154, 164) }
```

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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