

Converting Colors

YUV(172.1260, -84.8581,
57.7715)

Have a look what the booklet for
YUV(172.1260, -84.8581, 57.7715)
contains.

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Color

**YUV(172.1260, -84.8581,
57.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAC00
RGB	238, 172, 0
RGB Percent	93%, 67%, 0%
CMY	0.0667, 0.3255, 1.0000
CMYK	0.00, 0.28, 1.00, 0.07
HSL	43°, 100%, 47%
HSV	43°, 100%, 93%
XYZ	50.0124, 47.6822, 6.5676
YIQ	172.1260, 94.5480, -39.5000

Conversions

Conversions Part 2

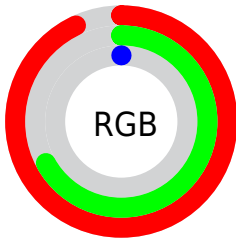
Format	Color
R _Y B	91, 238, 0
Decimal	15641600
CIE Lab	74.62, 13.04, 77.81
CIE LCh	75, 78.898, 80.487
Yxy	47.6822, 0.4797, 0.4573
Android (android.graphics.Color)	4293831680 (0xFFEEAC00)
YUV	172.1260, -84.8581, 57.7715
Hunter-Lab	69.0523, 8.4405, 42.6975

Details

The YUV color **172.1260, -84.8581, 57.7715** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **65.8740, 84.8581, -57.7715**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6140, -68.3367, 31.9105**, and **123.0640, -60.6706, 46.4249** is the 20% darker color. If you saturate the color by 10%, you get **172.1260, -84.8581, 57.7715**, and if you desaturate by 10%, it is **178.9710, -76.4007, 51.7684**.

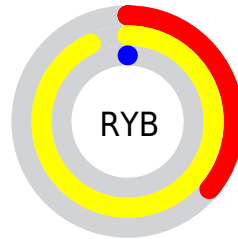
Distribution



Red (93%)

Green (67%)

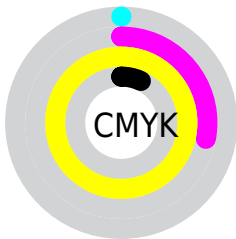
Blue (0%)



Red (36%)

Yellow (93%)

Blue (0%)

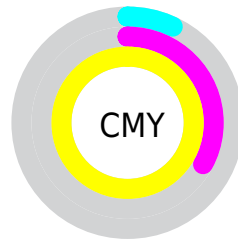


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1260, -84.8581, 57.7715 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 172.1260, -84.8581, 57.7715 by changing the saturation by 10% instead.

172.1260,
-84.8581, 57.7715

172.1260,
-84.8581, 57.7715

255.0000, 0.0000,
0.0000

147.5950,
-72.7643, 52.0982

218.6140,
-68.3367, 31.9105

123.0640,
-60.6706, 46.4249

238.3560,
-63.7725, 14.5968

99.4190, -49.0136,
40.8515

241.5480,
-51.5422, 11.7974

77.2470, -38.0828,
34.8634

244.8540,
-38.8750, 8.8980

55.6620, -27.4414,
28.3604

248.0460,
-26.6447, 6.0987

35.2620, -17.3842,
22.5722

251.4660,

14.5850, -7.1904,

-13.5407, 3.0993

19.6580

254.7720, -0.8736,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 172.1260,
-84.8581, 57.7715

■ 178.9710,
-76.4007, 51.7684

■ 185.2290,
-67.6539, 46.2802

■ 191.9600,
-59.6333, 40.3771

■ 198.2180,
-50.8865, 34.8888

■ 205.0630,
-42.4291, 28.8857

■ 211.9080,
-33.9716, 22.8827

■ 218.1660,
-25.2248, 17.3944

■ 224.8970,
-17.2042, 11.4913

■ 231.1550, -8.4574,
6.0031

Harmonies

Analogous

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



167.1060, -47.3803, 77.0830



172.1260, -84.8581, 57.7715



166.8480, -76.8331, 3.6413

Triad

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



172.1260, -84.8581, 57.7715



153.8270, 38.5393, -134.9063



185.9890, 34.0224, 54.3836

Complementary

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



172.1260, -84.8581, 57.7715



65.8740, 84.8581, -57.7715

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.



171.5730, 41.1295, -32.0745



172.1260, -84.8581, 57.7715



153.5140, 50.0326, -134.6318

Square

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



172.1260, -84.8581, 57.7715



144.6900, 6.0688, -126.8931



145.8830, 53.7947, -127.9394



166.5160, 21.4376, 77.6005

Rectangle

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



172.1260, -84.8581, 57.7715



161.7880, -49.1955, -41.0331



145.8830, 53.7947, -127.9394



183.7750, 35.1139, 30.8923

Sweetspot

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



172.1260, -84.8581, 57.7715



234.0090, -27.1194, 18.4091



78.8000, -5.8174, 139.6184



115.1250, -16.3306, 11.2914



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.



172.1260, -84.8581, 57.7715



184.2530, -90.8367, 62.0451



195.3200, -96.2928, -8.1736



116.8710, -4.3734, 2.7441



133.0870, -65.6119, 44.6507



40.8110, -20.1198, 13.3208

Inverse Universe

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



65.8740, 84.8581, -57.7715



70.7470, 90.8367, -62.0451



42.6800, 96.2928, 8.1736



111.1290, 4.3734, -2.7441



50.9130, 65.6119, -44.6507



15.7760, 19.8304, -13.8356

Previews

White Background



This preview shows how the YUV color 172.1260, -84.8581, 57.7715 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 172.1260, -84.8581, 57.7715 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 172.1260, -84.8581, 57.7715

Background



This preview shows how black text looks on a background with the YUV color 172.1260, -84.8581, 57.7715.



This preview shows how white text looks on a background with the YUV color 172.1260, -84.8581, 57.7715.

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

172.1260, -84.8581, 57.7715

Protanopia

171.7960, -77.7934, 31.7509

Deuteranopia

171.8050, -84.6999, 53.6680



Tritanopia

187.0820, -7.4354, 51.6711

Trichromacy



Original Color

172.1260, -84.8581, 57.7715

Protanomaly

172.1670, -80.4413, 41.0725

Deuteranomaly

171.8160, -84.7053, 55.4124

Tritanomaly

181.3510, -35.6690, 54.0662

Monochromacy



Original Color

172.1260, -84.8581, 57.7715

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9940, -31.0560, 21.0533

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1260, -84.8581, 57.7715 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(238, 172, 0)` looks like.

```
.text, #text, p{  
    color:rgb(238, 172, 0)  
}
```

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(238, 172, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 172, 0) }
```

Border

The CSS property to change the border of an element to YUV 172.1260, -84.8581, 57.7715 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(238, 172, 0) }
```


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

```
.border{ border-color:rgb(238, 172, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 172, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 172, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 172, 0);  
box-shadow:4px 4px 4px 4px rgb(238, 172,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 172.1260, -84.8581, 57.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 172, 0) }
```

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

```
.background{ background-color: rgb(238,  
172, 0) }
```

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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