

Converting Colors

YUV(173.2920, -76.5590,
55.8719)

Have a look what the booklet for
YUV(173.2920, -76.5590, 55.8719)
contains.

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Color

**YUV(173.2920, -76.5590,
55.8719)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAB12
RGB	237, 171, 18
RGB Percent	93%, 67%, 7%
CMY	0.0706, 0.3294, 0.9294
CMYK	0.00, 0.28, 0.92, 0.07
HSL	42°, 86%, 50%
HSV	42°, 92%, 93%
XYZ	49.5971, 47.1740, 7.0637
YIQ	173.2920, 88.4490, -33.5910

Conversions

Conversions Part 2

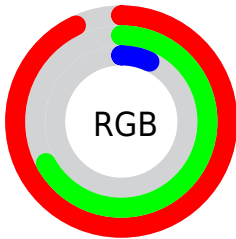
Format	Color
R _Y B	112, 237, 18
Decimal	15575826
CIE Lab	74.30, 13.31, 75.33
CIE LCh	74, 76.496, 79.978
Yxy	47.1740, 0.4777, 0.4543
Android (android.graphics.Color)	4293765906 (0xFFEDAB12)
YUV	173.2920, -76.5590, 55.8719
Hunter-Lab	68.6833, 8.7013, 41.9807

Details

The YUV color **173.2920, -76.5590, 55.8719** 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 **81.7080, 76.5590, -55.8719**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7110, -65.4265, 31.8255**, and **122.1780, -60.2338, 46.3249** is the 20% darker color. If you saturate the color by 10%, you get **168.3050, -82.9744, 60.2455**, and if you desaturate by 10%, it is **180.1370, -68.1015, 49.8689**.

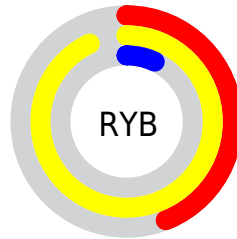
Distribution



Red (93%)

Green (67%)

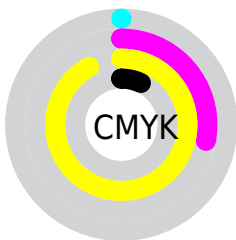
Blue (7%)



Red (44%)

Yellow (93%)

Blue (7%)

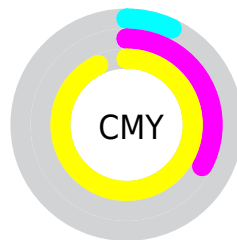


Cyan (0%)

Magenta (28%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2920, -76.5590, 55.8719 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 173.2920, -76.5590, 55.8719 by changing the saturation by 10% instead.

■ 173.2920,
-76.5590, 55.8719

■ 173.2920,
-76.5590, 55.8719

■ 255.0000, 0.0000,
0.0000

■ 146.7090,
-72.3275, 51.9982

■ 218.7110,
-65.4265, 31.8255

■ 122.1780,
-60.2338, 46.3249

■ 238.9260,
-61.5885, 14.0969

■ 99.4190, -49.0136,
40.8515

■ 242.1180,
-49.3582, 11.2975

■ 76.3610, -37.6460,
34.7634

■ 245.3100,
-37.1278, 8.4981

■ 55.0750, -27.1520,
28.8752

■ 248.6160,
-24.4607, 5.5988

■ 34.6750, -17.0948,
23.0870

■ 251.9220,

■ 13.6990, -6.7536,

-11.7935, 2.6994

19.5580

■ 0.0000, 0.0000,
0.0000

■ 173.2920,
-76.5590, 55.8719

■ 173.2920,
-76.5590, 55.8719

■ 168.3050,
-82.9744, 60.2455

■ 180.1370,
-68.1015, 49.8689

■ 186.8680,
-60.0809, 43.9658

■ 193.7130,
-51.6235, 37.9627

■ 201.1450,
-43.4555, 31.4448

■ 207.8760,
-35.4349, 25.5417

■ 214.7210,
-26.9775, 19.5387

■ 221.5660,
-18.5200, 13.5356

■ 228.4110,
-10.0626, 7.5326

■ 235.1420, -2.0420,
1.6295

Harmonies

Analogous

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



168.1490, -45.9225, 76.1683



173.2920, -76.5590, 55.8719



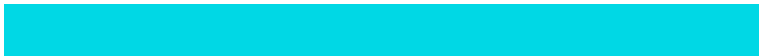
167.3410, -71.1601, 4.0859

Triad

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



173.2920, -76.5590, 55.8719



152.8980, 37.5183, -134.0915



185.3800, 34.3227, 51.4097

Complementary

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



173.2920, -76.5590, 55.8719



81.7080, 76.5590, -55.8719

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



173.2920, -76.5590, 55.8719



152.9270, 50.3220, -134.1170

Square

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



173.2920, -76.5590, 55.8719



143.4020, 6.2108, -125.7636



145.2960, 54.0841, -127.4246



168.1630, 20.1326, 76.1560

Rectangle

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



173.2920, -76.5590, 55.8719



161.7390, -48.1853, -38.3591



145.2960, 54.0841, -127.4246



183.1660, 35.4142, 27.9184

Sweetspot

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



173.2920, -76.5590, 55.8719



233.9920, -24.6461, 18.4240



91.3470, -2.1431, 127.7377



114.7660, -15.1676, 11.6062



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.



173.2920, -76.5590, 55.8719



180.7310, -89.1004, 65.1339



200.0740, -89.7625, -2.6959



113.9850, -3.9366, 2.6442



128.0810, -63.1439, 46.4100



37.8650, -18.6674, 14.1504

Inverse Universe

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



81.7080, 76.5590, -55.8719



74.2690, 89.1004, -65.1339



54.9260, 89.7625, 2.6959



109.0150, 3.9366, -2.6442



52.9190, 63.1439, -46.4100



15.5480, 18.9568, -13.6356

Previews

White Background



This preview shows how the YUV color 173.2920, -76.5590, 55.8719 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 173.2920, -76.5590, 55.8719 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 173.2920, -76.5590, 55.8719

Background



This preview shows how black text looks on a background with the YUV color 173.2920, -76.5590, 55.8719.



This preview shows how white text looks on a background with the YUV color 173.2920, -76.5590,

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

173.2920, -76.5590, 55.8719

Protanopia

172.2240, -73.5674, 29.6216

Deuteranopia

172.8030, -78.2899, 51.0388



Tritanopia

186.0820, -7.4354, 51.6711

Trichromacy



Original Color

173.2920, -76.5590, 55.8719

Protanomaly

172.3500, -74.6155, 39.1581

Deuteranomaly

172.9280, -77.8585, 52.6831

Tritanomaly

181.1490, -32.6115, 53.3663

Monochromacy



Original Color

173.2920, -76.5590, 55.8719

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.9060, -27.5617, 20.2534

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2920, -76.5590, 55.8719 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(237, 171, 18)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 18)  
}
```

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(237, 171, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 18) }
```

Border

The CSS property to change the border of an element to YUV 173.2920, -76.5590, 55.8719 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(237, 171, 18) }
```


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

```
.border{ border-color:rgb(237, 171, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 171, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 18);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 173.2920, -76.5590, 55.8719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 18) }
```

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

```
.background{ background-color: rgb(237,  
171, 18) }
```

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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