

Converting Colors

YUV(171.1950, -62.7071,
46.3100)

Have a look what the booklet for
YUV(171.1950, -62.7071, 46.3100)
contains.

YUV(171.1950, -62.7071, 46.3100)	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(171.1950, -62.7071,
46.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A92C
RGB	224, 169, 44
RGB Percent	88%, 66%, 17%
CMY	0.1216, 0.3373, 0.8275
CMYK	0.00, 0.25, 0.80, 0.12
HSL	42°, 74%, 53%
HSV	42°, 80%, 88%
XYZ	45.3831, 44.4051, 8.5620
YIQ	171.1950, 72.9050, -27.2150

Conversions

Conversions Part 2

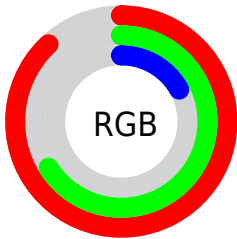
Format	Color
RYB	123, 224, 44
Decimal	14723372
CIELab	72.50, 9.34, 66.90
CIELCh	72, 67.548, 82.051
Yxy	44.4051, 0.4614, 0.4515
Android (android.graphics.Color)	4292913452 (0xFFE0A92C)
YUV	171.1950, -62.7071, 46.3100
Hunter-Lab	66.6371, 4.9520, 39.0280

Details

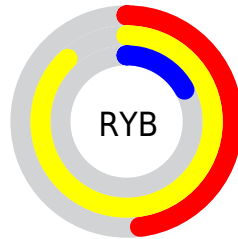
The YUV color **171.1950, -62.7071, 46.3100** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **96.8050, 62.7071, -46.3100**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1330, -58.7326, 31.4554**, and **117.7150, -58.0335, 40.5919** is the 20% darker color. If you saturate the color by 10%, you get **164.5780, -70.2910, 52.1131**, and if you desaturate by 10%, it is **177.8120, -55.1233, 40.5069**.

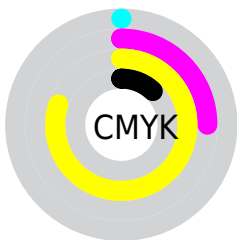
Distribution



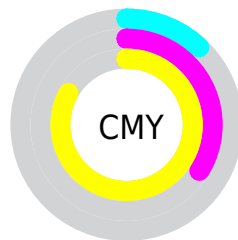
- Red (88%)
- Green (66%)
- Blue (17%)



- Red (48%)
- Yellow (88%)
- Blue (17%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)
- Black (12%)



- Cyan (12%)
- Magenta (34%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1950, -62.7071, 46.3100 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 171.1950, -62.7071, 46.3100 by changing the saturation by 10% instead.

171.1950,
-62.7071, 46.3100

171.1950,
-62.7071, 46.3100

255.0000, 0.0000,
0.0000

142.1750,
-69.1063, 45.4505

219.1330,
-58.7326, 31.4554

117.7150,
-58.0335, 40.5919

238.7610,
-54.6052, 14.2416

94.9560, -46.8133,
35.1186

243.7140,
-43.2430, 9.8978

72.1970, -35.5931,
29.6452

246.9060,
-31.0127, 7.0984

50.9110, -25.0991,
23.7571

250.0980,
-18.7823, 4.2991

31.3970, -15.4787,
18.0688

253.5180, -5.6784,

8.9590, -4.4168,

1.2997

16.6990

■ 0.0000, 0.0000,
0.0000

■ 171.1950,
-62.7071, 46.3100

■ 171.1950,
-62.7071, 46.3100

■ 164.5780,
-70.2910, 52.1131

■ 177.8120,
-55.1233, 40.5069

■ 158.5480,
-78.1642, 57.4014

■ 184.5430,
-47.1027, 34.6038

■ 191.1600,
-39.5189, 28.8007

■ 197.3040,
-31.2089, 23.4124

■ 203.9210,
-23.6251, 17.6093

■ 210.5380,
-16.0412, 11.8062

■ 217.2690, -8.0206,
5.9031

■ 223.8860, -0.4368,
0.1000

■ 230.6170, 7.5838,
-5.8031

Harmonies

Analogous

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



170.0070, -43.8805, 74.5389



171.1950, -62.7071, 46.3100



165.8040, -56.5984, 0.1719

Triad

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



171.1950, -62.7071, 46.3100



146.8170, 37.0652, -128.7585



183.2870, 35.3545, 47.1063

Complementary

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



171.1950, -62.7071, 46.3100



96.8050, 62.7071, -46.3100

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.



172.2370, 40.8022, -20.3788



171.1950, -62.7071, 46.3100



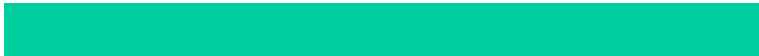
147.6440, 52.9265, -129.4838

Square

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



171.1950, -62.7071, 46.3100



139.0480, 9.8363, -121.9451



140.6000, 56.3992, -123.3062



170.3170, 13.1547, 74.2670

Rectangle

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



171.1950, -62.7071, 46.3100



160.0410, -39.4602, -36.8700



140.6000, 56.3992, -123.3062



181.3940, 36.2878, 27.7185

Sweetspot

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



171.1950, -62.7071, 46.3100



236.8930, -21.1462, 15.8798



104.3180, -1.6358, 104.9611



116.7380, -12.6888, 9.8768



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.



171.1950, -62.7071, 46.3100



183.0450, -85.3112, 63.1045



193.6130, -73.7592, -2.2916



108.9850, -3.9366, 2.6442



124.2380, -61.2493, 45.3953



34.3100, -16.9148, 12.0061

Inverse Universe

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



96.8050, 62.7071, -46.3100



81.9550, 85.3112, -63.1045



74.3870, 73.7592, 2.2916



104.0150, 3.9366, -2.6442



51.7620, 61.2493, -45.3953



14.2770, 16.6254, -12.5209

Previews

White Background



This preview shows how the YUV color 171.1950, -62.7071, 46.3100 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 171.1950, -62.7071, 46.3100 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 171.1950, -62.7071, 46.3100

Background



This preview shows how black text looks on a background with the YUV color 171.1950, -62.7071, 46.3100.



This preview shows how white text looks on a background with the YUV color 171.1950, -62.7071,

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

171.1950, -62.7071, 46.3100

Protanopia

170.1170, -61.1897, 26.2074

Deuteranopia

171.1950, -62.7071, 46.3100



Tritanopia

181.4940, -5.6665, 44.2938

Trichromacy



Original Color

171.1950, -62.7071, 46.3100

Protanomaly

170.3460, -61.7956, 33.8996

Deuteranomaly

171.1950, -62.7071, 46.3100

Tritanomaly

177.7010, -26.4746, 44.9892

Monochromacy



Original Color

171.1950, -62.7071, 46.3100

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8500, -22.6040, 16.7946

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1950, -62.7071, 46.3100 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(224, 169, 44)` looks like.

```
.text, #text, p{  
    color:rgb(224, 169, 44)  
}
```

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(224, 169, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 169, 44) }
```

Border

The CSS property to change the border of an element to YUV 171.1950, -62.7071, 46.3100 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(224, 169, 44) }
```


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

```
.border{ border-color:rgb(224, 169, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 169, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 169, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 169, 44);  
box-shadow:4px 4px 4px 4px rgb(224, 169,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 171.1950, -62.7071, 46.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 169, 44) }
```

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

```
.background{ background-color: rgb(224,  
169, 44) }
```

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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