

Converting Colors

YUV(170.0790, -36.5209,
47.2887)

Have a look what the booklet for
YUV(170.0790, -36.5209, 47.2887)
contains.

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Color

**YUV(170.0790, -36.5209,
47.2887)**

Conversions

Conversions Part 1

Format	Color
Hex	E09D60
RGB	224, 157, 96
RGB Percent	88%, 62%, 38%
CMY	0.1216, 0.3843, 0.6235
CMYK	0.00, 0.30, 0.57, 0.12
HSL	29°, 67%, 63%
HSV	29°, 57%, 88%
XYZ	44.9088, 40.8058, 16.5757
YIQ	170.0790, 59.5130, -4.7670

Conversions

Conversions Part 2

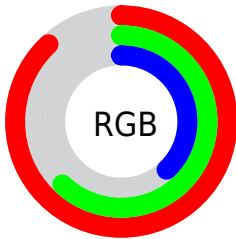
Format	Color
RYB	224, 213, 96
Decimal	14720352
CIELab	70.04, 18.57, 41.55
CIELCh	70, 45.516, 65.916
Yxy	40.8058, 0.4390, 0.3989
Android (android.graphics.Color)	4292910432 (0xFFE09D60)
YUV	170.0790, -36.5209, 47.2887
Hunter-Lab	63.8794, 13.7009, 29.3308

Details

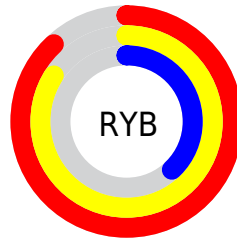
The YUV color $170.0790, -36.5209, 47.2887$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $149.9210, 36.5209, -47.2887$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $217.5610, -34.2936, 32.8340$, and $116.9150, -34.4681, 42.1705$ is the 20% darker color. If you saturate the color by 10%, you get $160.5270, -42.6578, 55.6658$, and if you desaturate by 10%, it is $179.6310, -30.3841, 38.9116$.

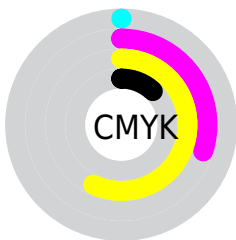
Distribution



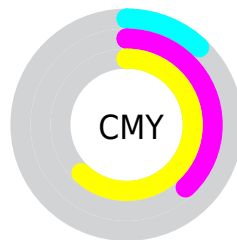
- Red (88%)
- Green (62%)
- Blue (38%)



- Red (88%)
- Yellow (84%)
- Blue (38%)



- Cyan (0%)
- Magenta (30%)
- Yellow (57%)
- Black (12%)



- Cyan (12%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0790, -36.5209, 47.2887 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 170.0790, -36.5209, 47.2887 by changing the saturation by 10% instead.

170.0790,
-36.5209, 47.2887

170.0790,
-36.5209, 47.2887

255.0000, 0.0000,
0.0000

142.9970,
-35.4945, 44.7296

217.5610,
-34.2936, 32.8340

116.9150,
-34.4681, 42.1705

237.0750,
-30.6030, 15.7202

91.1320, -33.5891,
40.2262

249.0720,
-22.7135, 5.1989

66.6370, -32.8520,
37.1524

252.2640,
-10.4832, 2.3995

45.6500, -22.5054,
31.8789

25.2500, -12.4482,
26.0907

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 170.0790,
-36.5209, 47.2887

■ 170.0790,
-36.5209, 47.2887

■ 160.5270,
-42.6578, 55.6658

■ 179.6310,
-30.3841, 38.9116

■ 151.4480,
-49.5209, 63.6281

■ 188.7100,
-23.5210, 30.9493

■ 141.8960,
-55.6577, 72.0052

■ 198.2620,
-17.3842, 22.5722

■ 132.2300,
-62.2314, 80.4823

■ 207.9280,
-10.8105, 14.0951

■ 129.7850,
-63.9840, 82.6266

■ 217.4800, -4.6736,
5.7180

■ 226.4450, 1.7526,
-2.1443

■ 236.1110, 8.3263,
-10.6213

■ 243.3830, 5.7272,
-16.9989

■ 245.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



171.7450, -23.0453, 65.1216



170.0790, -36.5209, 47.2887



167.3930, -39.6337, 18.9493

Triad

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



170.0790, -36.5209, 47.2887



133.5830, 21.8976, -117.1523



174.9050, 31.1058, 9.7303

Complementary

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



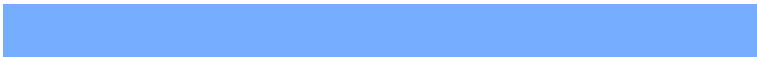
170.0790, -36.5209, 47.2887



149.9210, 36.5209, -47.2887

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.



165.9740, 42.9038, -41.1962



170.0790, -36.5209, 47.2887



136.9690, 39.9483, -120.1218

Square

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



170.0790, -36.5209, 47.2887



154.2430, -8.9938, -55.4641



136.0520, 54.2044, -119.3176



175.8960, 14.8413, 46.5722

Rectangle

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



170.0790, -36.5209, 47.2887



164.3300, -34.1797, -3.7974



136.0520, 54.2044, -119.3176



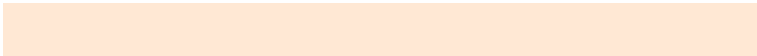
173.3590, 35.8120, -6.4538

Sweetspot

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



170.0790, -36.5209, 47.2887



236.5970, -12.1263, 16.1394



142.0240, 10.8342, 71.8930



116.8180, -7.3053, 9.8066



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.



170.0790, -36.5209, 47.2887



180.9320, -50.2525, 64.9576



207.0600, -54.7526, 14.8564



107.2240, -3.0684, 4.1886



101.9320, -50.2525, 64.9576



27.8530, -13.7315, 17.6689

Inverse Universe

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



149.9210, 36.5209, -47.2887



153.0680, 50.2525, -64.9576



112.9400, 54.7526, -14.8564



105.7760, 3.0684, -4.1886



74.0680, 50.2525, -64.9576



20.1470, 13.7315, -17.6689

Previews

White Background



This preview shows how the YUV color 170.0790, -36.5209, 47.2887 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 170.0790, -36.5209, 47.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

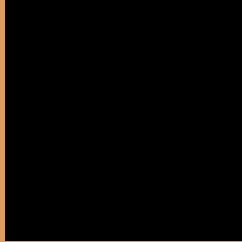
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 170.0790, -36.5209, 47.2887

Background



This preview shows how black text looks on a background with the YUV color 170.0790, -36.5209, 47.2887.



This preview shows how white text looks on a background with the YUV color 170.0790, -36.5209,

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

170.0790, -36.5209, 47.2887

Protanopia

168.6900, -33.3712, 16.9349

Deuteranopia

169.8880, -36.9198, 35.1782



Tritanopia

174.1740, -6.9878, 48.0824

Trichromacy



Original Color

170.0790, -36.5209, 47.2887

Protanomaly

169.4140, -34.7141, 27.7009

Deuteranomaly

169.6220, -36.7886, 39.7965

Tritanomaly

172.7150, -17.6075, 47.6079

Monochromacy



Original Color

170.0790, -36.5209, 47.2887

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9670, -13.2947, 17.5689

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0790, -36.5209, 47.2887 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, 157, 96)` looks like.

```
.text, #text, p{  
    color:rgb(224, 157, 96)  
}
```

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, 157, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 157, 96) }
```

Border

The CSS property to change the border of an element to YUV 170.0790, -36.5209, 47.2887 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, 157, 96) }
```


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

```
.border{ border-color:rgb(224, 157, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 157, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 157, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 157, 96);  
box-shadow:4px 4px 4px 4px rgb(224, 157,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 170.0790, -36.5209, 47.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 157, 96) }
```

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

```
.background{ background-color: rgb(224,  
157, 96) }
```

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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