

Converting Colors

YUV(221.4110, -30.2756,
4.0246)

Have a look what the booklet for
YUV(221.4110, -30.2756, 4.0246)
contains.

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Color

**YUV(221.4110, -30.2756,
4.0246)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E7A0
RGB	226, 231, 160
RGB Percent	89%, 91%, 63%
CMY	0.1137, 0.0941, 0.3725
CMYK	0.02, 0.00, 0.31, 0.09
HSL	64°, 60%, 77%
HSV	64°, 31%, 91%
XYZ	66.2851, 75.8586, 44.4063
YIQ	221.4110, 19.8110, -23.1410

Conversions

Conversions Part 2

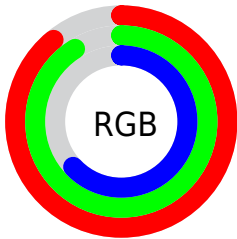
Format	Color
RYB	160, 231, 165
Decimal	14870432
CIELab	89.79, -12.61, 34.09
CIELCh	90, 36.342, 110.298
Yxy	75.8586, 0.3553, 0.4066
Android (android.graphics.Color)	4293060512 (0xFFE2E7A0)
YUV	221.4110, -30.2756, 4.0246
Hunter-Lab	87.0969, -16.5720, 30.7388

Details

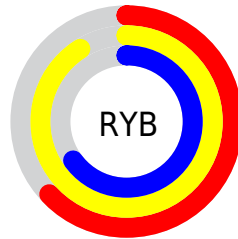
The YUV color $221.4110, -30.2756, 4.0246$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $169.5890, 30.2756, -4.0246$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.4400, -17.4719, 3.9991$, and $166.4540, -28.8178, 3.1098$ is the 20% darker color. If you saturate the color by 10%, you get $218.1910, -40.0272, 5.0945$, and if you desaturate by 10%, it is $224.6310, -20.5241, 2.9546$.

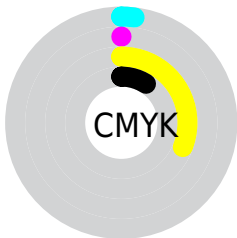
Distribution



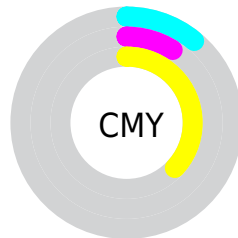
- Red (89%)
- Green (91%)
- Blue (63%)



- Red (63%)
- Yellow (91%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.4110, -30.2756, 4.0246 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 221.4110, -30.2756, 4.0246 by changing the saturation by 10% instead.

■ 221.4110,
-30.2756, 4.0246

■ 221.4110,
-30.2756, 4.0246

255.0000, 0.0000,
0.0000

■ 193.5250,
-29.8388, 3.9246

■ 250.4400,
-17.4719, 3.9991

■ 166.4540,
-28.8178, 3.1098

■ 253.7460, -4.8048,
1.0998

■ 139.6820,
-27.9442, 2.9099

■ 113.6110,
-26.9232, 2.0952

■ 88.7250, -26.4864,
1.9952

■ 64.8990, -27.0652,
0.9656

■ 43.6800, -21.5342,

0.2806

■ 23.8780, -11.7719,
-4.2780

■ 0.0000, 0.0000,
0.0000

■ 221.4110,
-30.2756, 4.0246

■ 221.4110,
-30.2756, 4.0246

■ 218.1910,
-40.0272, 5.0945

■ 224.6310,
-20.5241, 2.9546

■ 215.2700,
-49.9261, 6.7792

■ 227.5520,
-10.6251, 1.2699

■ 212.0500,
-59.6776, 7.8492

■ 230.7720, -0.8736,
0.2000

■ 208.8300,
-69.4292, 8.9191

■ 233.9920, 8.8779,
-0.8700

■ 205.7950,
-79.7649, 10.7038

■ 234.6330, 10.0409,
-0.5551

■ 202.5750,
-89.5165, 11.7737

■ 235.2310, 9.7461,
0.6744

■ 199.8820,
-98.5418, 13.2585

■ 235.5300, 9.5987,
1.2892

■ 236.1280, 9.3039,
2.5187

■ 236.7260, 9.0091,
3.7483

Harmonies

Analogous

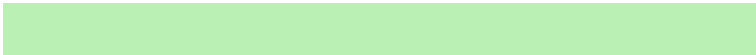
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.3970, -32.2407, 27.7158



221.4110, -30.2756, 4.0246



217.0140, -18.2479, -27.1993

Triad

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



221.4110, -30.2756, 4.0246



207.3140, 23.5092, -73.9434



221.4780, 8.6383, 29.3988

Complementary

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



221.4110, -30.2756, 4.0246



169.5890, 30.2756, -4.0246

Split Complementary

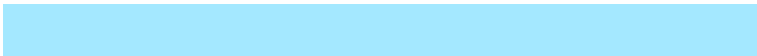
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.9980, 13.3120, 23.6808



221.4110, -30.2756, 4.0246



214.2900, 20.0700, -44.1043

Square

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



221.4110, -30.2756, 4.0246



207.4830, 20.4679, -78.4766



223.0820, 15.7356, -7.0879



217.3740, -7.0864, 32.9980

Rectangle

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



221.4110, -30.2756, 4.0246



213.0960, -5.9633, -47.4422



223.0820, 15.7356, -7.0879



223.9060, 12.8643, 27.2694

Sweetspot

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



221.4110, -30.2756, 4.0246



251.7800, -9.7515, 1.0699



184.1640, -11.9129, 41.0752



125.9910, -6.4046, 0.8849



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.



221.4110, -30.2756, 4.0246



242.1910, -40.0272, 5.0945



210.9460, -25.1164, -17.4926



113.3330, -5.0942, 0.5850



154.7070, -76.2706, 9.9040



43.9900, -21.6871, 2.6398

Inverse Universe

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



169.5890, 30.2756, -4.0246



173.5100, 40.1746, -5.7093



180.0540, 25.1164, 17.4926



104.6670, 5.0942, -0.5850



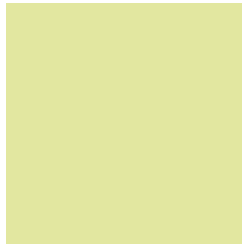
24.2930, 76.2706, -9.9040



7.0100, 21.6871, -2.6398

Previews

White Background



This preview shows how the YUV color 221.4110, -30.2756, 4.0246 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 221.4110, -30.2756, 4.0246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

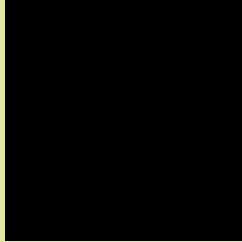
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

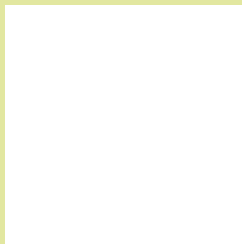
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.4110, -30.2756, 4.0246

Background



This preview shows how black text looks on a background with the YUV color 221.4110, -30.2756, 4.0246.



This preview shows how white text looks on a background with the YUV color 221.4110, -30.2756, 4.0246.

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

221.4110, -30.2756, 4.0246

Protanopia

223.0430, -32.0662, 18.3793

Deuteranopia

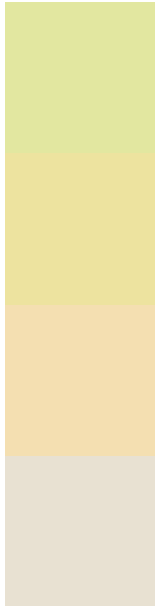
226.0020, -19.7210, 25.4312



Tritanopia

227.4230, 5.2145, 7.5220

Trichromacy



Original Color

221.4110, -30.2756, 4.0246

Protanomaly

222.2380, -31.1763, 12.9463

Deuteranomaly

224.0350, -23.1883, 17.5093

Tritanomaly

225.3830, -7.5838, 5.8031

Monochromacy



Original Color

221.4110, -30.2756, 4.0246

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.4380, -11.0619, 1.3699

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.4110, -30.2756, 4.0246 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(226, 231, 160)` looks like.

```
.text, #text, p{  
    color:rgb(226, 231, 160)  
}
```

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(226, 231, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 231, 160) }
```

Border

The CSS property to change the border of an element to YUV 221.4110, -30.2756, 4.0246 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(226, 231, 160) }
```


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

```
.border{ border-color:rgb(226, 231, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 231, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 231, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 231, 160); box-shadow:4px 4px 4px 4px rgb(226, 231, 160) }
```

Background

The CSS property to change the background color of an element to YUV 221.4110, -30.2756, 4.0246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 231, 160) }
```

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

```
.background{ background-color: rgb(226,  
231, 160) }
```

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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