

Converting Colors

YUV(206.7690, -23.0571,
22.1276)

Have a look what the booklet for
YUV(206.7690, -23.0571, 22.1276)
contains.

YUV(206.7690, -23.0571, 22.1276)	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(206.7690, -23.0571,
22.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CBA0
RGB	232, 203, 160
RGB Percent	91%, 80%, 63%
CMY	0.0902, 0.2039, 0.3725
CMYK	0.00, 0.13, 0.31, 0.09
HSL	36°, 61%, 77%
HSV	36°, 31%, 91%
XYZ	60.9798, 62.4057, 42.0892
YIQ	206.7690, 31.0870, -7.2250

Conversions

Conversions Part 2

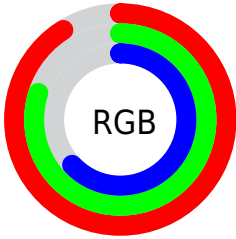
Format	Color
R _Y B	209, 232, 160
Decimal	15256480
CIE Lab	83.13, 3.96, 25.22
CIE LCh	83, 25.529, 81.074
Yxy	62.4057, 0.3685, 0.3771
Android (android.graphics.Color)	4293446560 (0xFFE8CBA0)
YUV	206.7690, -23.0571, 22.1276
Hunter-Lab	78.9973, -0.4571, 23.7088

Details

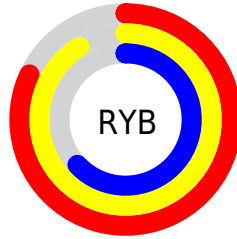
The YUV color $206.7690, -23.0571, 22.1276$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $185.2310, 23.0571, -22.1276$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.4400, -17.4719, 3.9991$, and $152.1000, -21.7413, 20.0833$ is the 20% darker color. If you saturate the color by 10%, you get $198.8640, -30.4990, 29.0603$, and if you desaturate by 10%, it is $214.6740, -15.6153, 15.1949$.

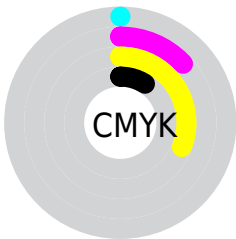
Distribution



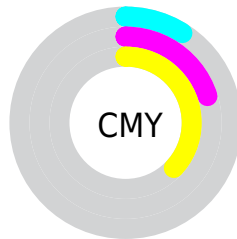
- Red (91%)
- Green (80%)
- Blue (63%)



- Red (82%)
- Yellow (91%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.7690, -23.0571, 22.1276 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 206.7690, -23.0571, 22.1276 by changing the saturation by 10% instead.

■ 206.7690,
-23.0571, 22.1276

■ 206.7690,
-23.0571, 22.1276

255.0000, 0.0000,
0.0000

■ 179.2850,
-22.3255, 20.7981

■ 250.4400,
-17.4719, 3.9991

■ 152.1000,
-21.7413, 20.0833

■ 253.6320, -5.2416,
1.1997

■ 126.0290,
-20.7203, 19.2686

■ 100.8440,
-20.1361, 18.5538

■ 77.0610, -19.2571,
16.6095

■ 53.5770, -18.5255,
15.2800

■ 32.5490, -16.0467,

13.5505

■ 11.5730, -5.7055,
10.0215

■ 0.0000, 0.0000,
0.0000

■ 206.7690,
-23.0571, 22.1276

■ 206.7690,
-23.0571, 22.1276

■ 198.8640,
-30.4990, 29.0603

■ 214.6740,
-15.6153, 15.1949

■ 190.3720,
-37.6514, 36.5078

■ 223.1660, -8.4628,
7.7474

■ 182.3530,
-45.5300, 43.5404

■ 231.1850, -0.5842,
0.7148

■ 174.4480,
-52.9719, 50.4731

■ 239.0900, 6.8576,
-6.2179

■ 165.9560,
-60.1243, 57.9206

■ 245.1880, 4.8373,
-11.5659

■ 158.0510,
-67.5661, 64.8533

■ 248.1230, 3.3904,
-14.1399

■ 150.9610,
-74.4238, 71.0712

Harmonies

Analogous

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



208.7090, -18.5905, 36.2122



206.7690, -23.0571, 22.1276



204.2180, -20.8135, 2.4398

Triad

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



206.7690, -23.0571, 22.1276



197.0090, 12.8136, -49.9969



211.1390, 12.7495, 17.4181

Complementary

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



206.7690, -23.0571, 22.1276



185.2310, 23.0571, -22.1276

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.



208.2870, 21.5505, -5.5137



206.7690, -23.0571, 22.1276



198.5500, 22.4069, -46.9633

Square

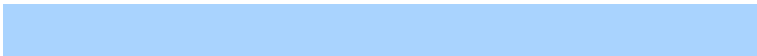
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.7690, -23.0571, 22.1276



198.1710, 0.4087, -37.8610



203.3440, 24.9734, -30.1197



211.6760, 1.6387, 34.4871

Rectangle

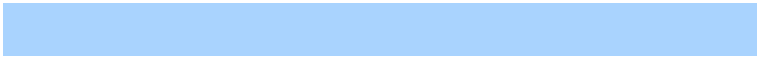
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.7690, -23.0571, 22.1276



202.0960, -15.8233, -11.4852



203.3440, 24.9734, -30.1197



210.3060, 16.1181, 10.2556

Sweetspot

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



206.7690, -23.0571, 22.1276



247.0950, -7.4418, 6.9327



184.9480, 2.4906, 41.2646



122.7680, -4.8156, 4.5885



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.



206.7690, -23.0571, 22.1276



221.9780, -30.0622, 28.9603



221.9980, -30.5650, 3.5098



110.6970, -3.7946, 3.7737



116.3300, -57.3507, 54.9616



32.8590, -16.1995, 15.9097

Inverse Universe

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



185.2310, 23.0571, -22.1276



194.0220, 30.0622, -28.9603



170.0020, 30.5650, -3.5098



107.3030, 3.7946, -3.7737



62.6700, 57.3507, -54.9616



18.1410, 16.1995, -15.9097

Previews

White Background



This preview shows how the YUV color 206.7690, -23.0571, 22.1276 looks on a white background.

Color Contrast Check

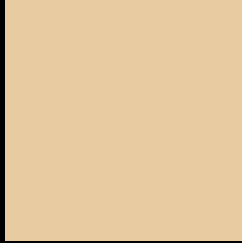
Large Text (above 18pt) WCAG AA × Fail

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 206.7690, -23.0571, 22.1276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

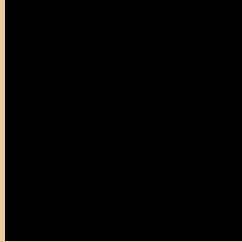
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.7690, -23.0571, 22.1276

Background



This preview shows how black text looks on a background with the YUV color 206.7690, -23.0571, 22.1276.



This preview shows how white text looks on a background with the YUV color 206.7690, -23.0571,

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

206.7690, -23.0571, 22.1276

Protanopia

206.0560, -21.7196, 13.1059

Deuteranopia

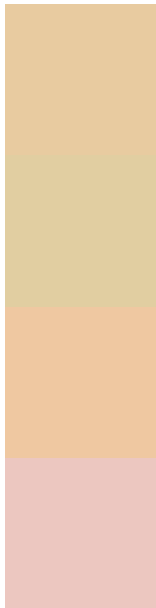
207.8240, -23.0842, 30.8494



Tritanopia

210.2680, 0.3609, 24.3210

Trichromacy



Original Color

206.7690, -23.0571, 22.1276

Protanomaly

206.5510, -22.4566, 16.1798

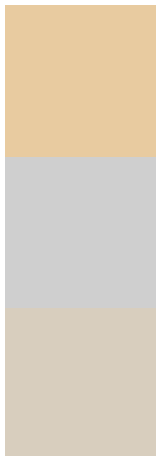
Deuteranomaly

207.2150, -22.7840, 27.8754

Tritanomaly

209.2650, -8.5116, 23.4466

Monochromacy



Original Color

206.7690, -23.0571, 22.1276

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.1660, -8.4628, 7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.7690, -23.0571, 22.1276 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(232, 203, 160)` looks like.

```
.text, #text, p{  
    color:rgb(232, 203, 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(232, 203, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 203, 160) }
```

Border

The CSS property to change the border of an element to YUV 206.7690, -23.0571, 22.1276 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(232, 203, 160) }
```


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

```
.border{ border-color:rgb(232, 203, 160) }
```

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

Here you see how a box with a 4 pixel rgb(232, 203, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 203, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 203, 160);  
box-shadow:4px 4px 4px 4px rgb(232, 203,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 206.7690, -23.0571, 22.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 203, 160) }
```

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

```
.background{ background-color: rgb(232,  
203, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor