

Converting Colors

YUV(200.7100, -23.5210,
30.9493)

Have a look what the booklet for
YUV(200.7100, -23.5210, 30.9493)
contains.

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Color

**YUV(200.7100, -23.5210,
30.9493)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC099
RGB	236, 192, 153
RGB Percent	93%, 75%, 60%
CMY	0.0745, 0.2471, 0.4000
CMYK	0.00, 0.19, 0.35, 0.07
HSL	28°, 69%, 76%
HSV	28°, 35%, 93%
XYZ	59.1915, 57.8320, 38.1800
YIQ	200.7100, 38.7430, -2.8010

Conversions

Conversions Part 2

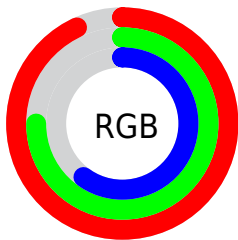
Format	Color
R _Y B	236, 227, 153
Decimal	15515801
CIE Lab	80.65, 10.41, 25.60
CIE LCh	81, 27.632, 67.872
Yxy	57.8320, 0.3814, 0.3726
Android (android.graphics.Color)	4293705881 (0xFFECC099)
YUV	200.7100, -23.5210, 30.9493
Hunter-Lab	76.0474, 5.8525, 23.4663

Details

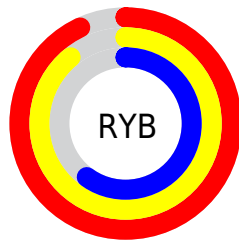
The YUV color $200.7100, -23.5210, 30.9493$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $188.2900, 23.5210, -30.9493$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5330, -18.5038, 8.3026$, and $146.7420, -22.0578, 28.2903$ is the 20% darker color. If you saturate the color by 10%, you get $190.3430, -30.2421, 40.0412$, and if you desaturate by 10%, it is $211.0770, -16.8000, 21.8575$.

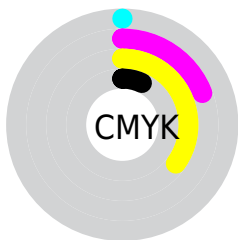
Distribution



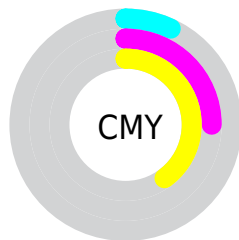
- Red (93%)
- Green (75%)
- Blue (60%)



- Red (93%)
- Yellow (89%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (7%)



- Cyan (7%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.7100, -23.5210, 30.9493 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 200.7100, -23.5210, 30.9493 by changing the saturation by 10% instead.

200.7100,
-23.5210, 30.9493

200.7100,
-23.5210, 30.9493

255.0000, 0.0000,
0.0000

173.2260,
-22.7894, 29.6198

245.5330,
-18.5038, 8.3026

146.7420,
-22.0578, 28.2903

252.8340, -8.2992,
1.8996

120.2580,
-21.3262, 26.9607

95.4750, -20.4472,
25.0164

71.1050, -19.2788,
23.5869

47.9090, -18.6891,
21.1278

27.2660, -13.4421,

18.1837

■ 7.1760, -3.5378,
14.7546

■ 0.0000, 0.0000,
0.0000

■ 200.7100,
-23.5210, 30.9493

■ 200.7100,
-23.5210, 30.9493

■ 190.3430,
-30.2421, 40.0412

■ 211.0770,
-16.8000, 21.8575

■ 180.6770,
-36.8158, 48.5183

■ 220.7430,
-10.2263, 13.3804

■ 170.3100,
-43.5368, 57.6101

■ 231.1100, -3.5052,
4.2885

■ 160.6440,
-50.1105, 66.0872

■ 240.7760, 3.0684,
-4.1886

■ 150.2770,
-56.8316, 75.1791

■ 249.3190, 2.8007,
-11.6808

■ 140.4970,
-63.8420, 83.7561

■ 135.7210,
-66.9105, 87.9447

Harmonies

Analogous

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



202.7250, -16.1334, 41.4602



200.7100, -23.5210, 30.9493



198.3610, -24.3350, 11.9614

Triad

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



200.7100, -23.5210, 30.9493



188.8580, 8.4510, -50.7415



203.2780, 18.5969, 8.5262

Complementary

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



200.7100, -23.5210, 30.9493



188.2900, 23.5210, -30.9493

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.



199.2360, 25.5197, -18.6240



200.7100, -23.5210, 30.9493



189.0390, 20.6868, -55.2852

Square

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



200.7100, -23.5210, 30.9493



191.5970, -5.7173, -32.9726



193.3100, 26.4692, -43.2449



204.5490, 7.6173, 30.2135

Rectangle

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



200.7100, -23.5210, 30.9493



196.4840, -20.9446, -2.1785



193.3100, 26.4692, -43.2449



202.3200, 21.5342, -0.2806

Sweetspot

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



200.7100, -23.5210, 30.9493



243.0030, -7.8895, 10.5214



182.8330, 6.9843, 46.6275



120.7790, -4.8210, 6.3328



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.



200.7100, -23.5210, 30.9493



209.3430, -30.2421, 40.0412



224.7770, -35.3861, 9.8426



112.2240, -3.0684, 4.1886



104.0140, -51.2789, 67.5167



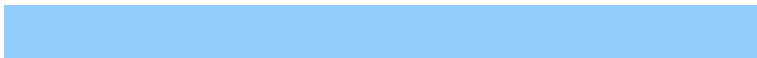
30.8210, -15.1948, 20.3280

Inverse Universe

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



188.2900, 23.5210, -30.9493



193.6570, 30.2421, -40.0412



164.2230, 35.3861, -9.8426



110.7760, 3.0684, -4.1886



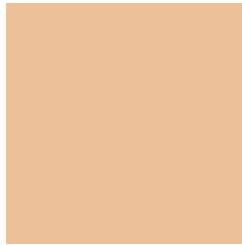
76.9860, 51.2789, -67.5167



22.5920, 15.4841, -19.8132

Previews

White Background



This preview shows how the YUV color 200.7100, -23.5210, 30.9493 looks on a white background.

Color Contrast Check

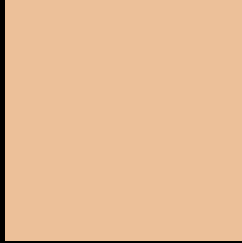
Large Text (above 18pt) WCAG AA × Fail

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 200.7100, -23.5210, 30.9493 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 200.7100, -23.5210, 30.9493

Background



This preview shows how black text looks on a background with the YUV color 200.7100, -23.5210, 30.9493.



This preview shows how white text looks on a background with the YUV color 200.7100, -23.5210, 30.9493.

30.9493.

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

200.7100, -23.5210, 30.9493

Protanopia

198.9850, -20.6986, 12.2912

Deuteranopia

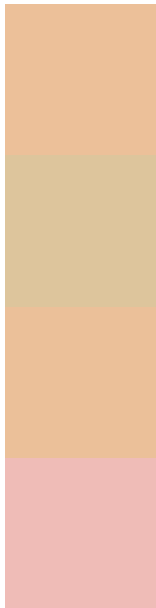
200.4110, -23.3736, 30.3346



Tritanopia

204.0410, -1.9922, 32.4130

Trichromacy



Original Color

200.7100, -23.5210, 30.9493

Protanomaly

199.5020, -21.4465, 18.8537

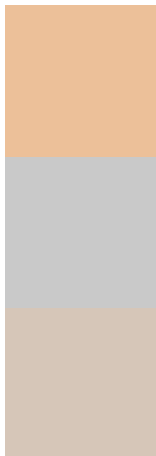
Deuteranomaly

200.4110, -23.3736, 30.3346

Tritanomaly

202.6790, -9.7017, 31.8535

Monochromacy



Original Color

200.7100, -23.5210, 30.9493

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.1880, -8.4737, 11.2361

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.7100, -23.5210, 30.9493 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(236, 192, 153)` looks like.

```
.text, #text, p{  
    color:rgb(236, 192, 153)  
}
```

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(236, 192, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 192, 153) }
```

Border

The CSS property to change the border of an element to YUV 200.7100, -23.5210, 30.9493 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(236, 192, 153) }
```


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

```
.border{ border-color:rgb(236, 192, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 192, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 192, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 192, 153);  
box-shadow:4px 4px 4px 4px rgb(236, 192,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 200.7100, -23.5210, 30.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 192, 153) }
```

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

```
.background{ background-color: rgb(236,  
192, 153) }
```

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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