

Converting Colors

YUV(202.4270, -7.6055,
12.7805)

Have a look what the booklet for
YUV(202.4270, -7.6055, 12.7805)
contains.

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Color

**YUV(202.4270, -7.6055,
12.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C6BB
RGB	217, 198, 187
RGB Percent	85%, 78%, 73%
CMY	0.1490, 0.2235, 0.2667
CMYK	0.00, 0.09, 0.14, 0.15
HSL	22°, 28%, 79%
HSV	22°, 14%, 85%
XYZ	57.7790, 58.7277, 55.3040
YIQ	202.4270, 14.8550, 0.6070

Conversions

Conversions Part 2

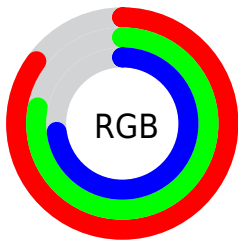
Format	Color
R _Y B	217, 204, 187
Decimal	14272187
CIE Lab	81.14, 4.84, 7.91
CIE LCh	81, 9.277, 58.519
Yxy	58.7277, 0.3363, 0.3418
Android (android.graphics.Color)	4292462267 (0xFFD9C6BB)
YUV	202.4270, -7.6055, 12.7805
Hunter-Lab	76.6340, 0.4723, 10.8564

Details

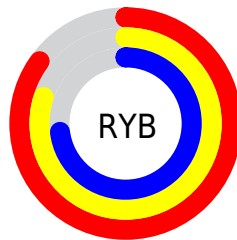
The YUV color $202.4270, -7.6055, 12.7805$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $201.5730, 7.6055, -12.7805$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, -5.2416, 1.1997$, and $148.2420, -7.0213, 12.0658$ is the 20% darker color. If you saturate the color by 10%, you get $191.7010, -13.1636, 22.1872$, and if you desaturate by 10%, it is $213.1530, -2.0474, 3.3738$.

Distribution



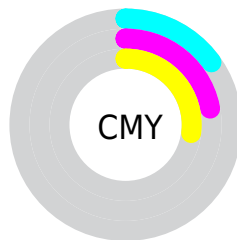
- Red (85%)
- Green (78%)
- Blue (73%)



- Red (85%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (15%)




- Cyan (15%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.4270, -7.6055, 12.7805 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 202.4270, -7.6055, 12.7805 by changing the saturation by 10% instead.

 202.4270, -7.6055,
12.7805

 202.4270, -7.6055,
12.7805


255.0000, 0.0000,
0.0000


 175.1280, -7.4581,
12.1657


 253.6320, -5.2416,
1.1997

 148.2420, -7.0213,
12.0658

 122.9430, -6.8739,
11.4510

 97.6440, -6.7265,
10.8362

 73.4590, -6.1423,
10.1215

 51.1600, -5.9949,
9.5067

 29.9750, -5.4107,

8.7919

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,
0.0000

■ 202.4270, -7.6055,
12.7805

■ 202.4270, -7.6055,
12.7805

■ 191.7010,
-13.1636, 22.1872

■ 213.1530, -2.0474,
3.3738

■ 181.6760,
-18.5743, 30.9791

■ 223.1780, 3.3632,
-5.4181

■ 170.9500,
-24.1323, 40.3859

■ 233.9040, 8.9213,
-14.8248

■ 160.2240,
-29.6904, 49.7926

■ 242.4640, 6.1802,
-22.3319

■ 149.4980,
-35.2485, 59.1993

■ 243.6380, 5.6015,
-23.3615

■ 139.4730,
-40.6592, 67.9912

■ 128.7470,
-46.2173, 77.3979

■ 118.0210,
-51.7754, 86.8046

■ 111.8430,
-55.1386, 92.2227

Harmonies

Analogous

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



203.2470, -4.5588, 15.5694



202.4270, -7.6055, 12.7805



201.4540, -8.6048, 6.6178

Triad

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



202.4270, -7.6055, 12.7805



199.1400, 0.9170, -14.1548



202.2480, 7.2727, 0.6595

Complementary

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



202.4270, -7.6055, 12.7805



201.5730, 7.6055, -12.7805

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.



200.9480, 8.8996, -7.8474



202.4270, -7.6055, 12.7805



198.5680, 5.1430, -16.2841

Square

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



202.4270, -7.6055, 12.7805



199.6200, -3.7567, -8.4367



199.9750, 7.9003, -14.0101



203.3800, 3.7567, 8.4367

Rectangle

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



202.4270, -7.6055, 12.7805



200.9480, -7.8624, 1.7996



199.9750, 7.9003, -14.0101



201.7530, 8.0098, -2.4144

Sweetspot

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



202.4270, -7.6055, 12.7805



250.3380, -2.6316, 4.0886



198.1360, 3.8770, 16.5437



124.2670, -1.6106, 3.2738



0.0000, 0.0000, 0.0000



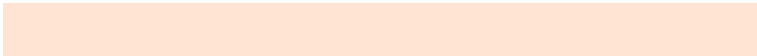
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



202.4270, -7.6055, 12.7805



234.2490, -10.9688, 18.1986



211.2320, -11.9464, 5.0585



104.6370, -2.7790, 4.7034



89.2950, -44.0224, 73.4093



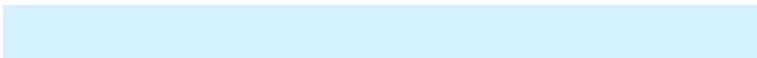
23.7330, -11.7004, 19.5282

Inverse Universe

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



201.5730, 7.6055, -12.7805



232.7510, 10.9688, -18.1986



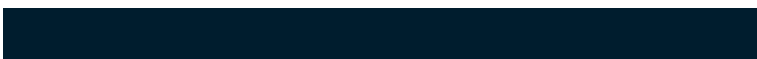
192.7680, 11.9464, -5.0585



104.3630, 2.7790, -4.7034



84.2920, 43.7330, -73.9241



22.2670, 11.7004, -19.5282

Previews

White Background



This preview shows how the YUV color 202.4270, -7.6055, 12.7805 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 202.4270, -7.6055, 12.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

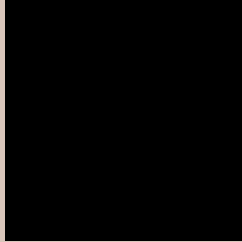
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.4270, -7.6055, 12.7805

Background



This preview shows how black text looks on a background with the YUV color 202.4270, -7.6055, 12.7805.

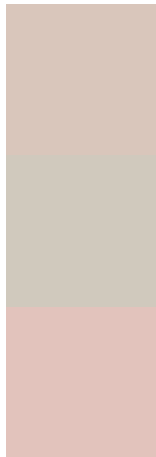


This preview shows how white text looks on a background with the YUV color 202.4270, -7.6055,

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

202.4270, -7.6055, 12.7805

Protanopia

201.7250, -6.2734, 5.5032

Deuteranopia

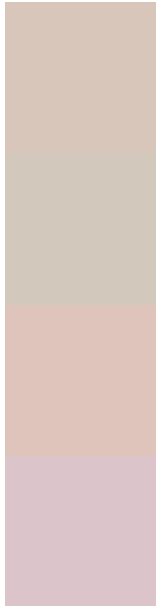
203.4710, -7.6272, 19.7579



Tritanopia

204.1850, 2.8668, 13.8698

Trichromacy



Original Color

202.4270, -7.6055, 12.7805

Protanomaly

201.9210, -6.8631, 7.9623

Deuteranomaly

203.1610, -7.4744, 17.3988

Tritanomaly

203.5610, -0.7696, 13.5400

Monochromacy



Original Color

202.4270, -7.6055, 12.7805

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.3380, -2.6316, 4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4270, -7.6055, 12.7805 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(217, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(217, 198, 187)  
}
```

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(217, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 198, 187) }
```

Border

The CSS property to change the border of an element to YUV 202.4270, -7.6055, 12.7805 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(217, 198, 187) }
```


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

```
.border{ border-color:rgb(217, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(217, 198,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 202.4270, -7.6055, 12.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 198, 187) }
```

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

```
.background{ background-color: rgb(217,  
198, 187) }
```

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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