

Converting Colors

YUV(213.1620, -12.4049,
12.1359)

Have a look what the booklet for
YUV(213.1620, -12.4049, 12.1359)
contains.

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Color

**YUV(213.1620, -12.4049,
12.1359)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D3BC
RGB	227, 211, 188
RGB Percent	89%, 83%, 74%
CMY	0.1098, 0.1725, 0.2627
CMYK	0.00, 0.07, 0.17, 0.11
HSL	35°, 41%, 81%
HSV	35°, 17%, 89%
XYZ	64.0499, 66.5503, 57.0466
YIQ	213.1620, 16.9190, -3.7610

Conversions

Conversions Part 2

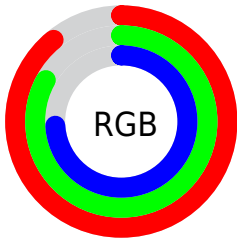
Format	Color
R_{YB}	215, 227, 188
Decimal	14930876
CIE _{Lab}	85.28, 1.82, 13.38
CIE _{LCh}	85, 13.505, 82.241
Yxy	66.5503, 0.3413, 0.3547
Android (android.graphics.Color)	4293120956 (0xFFE3D3BC)
YUV	213.1620, -12.4049, 12.1359
Hunter-Lab	81.5783, -2.6157, 15.6441

Details

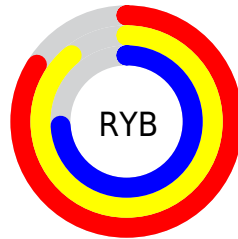
The YUV color $213.1620, -12.4049, 12.1359$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $201.8380, 12.4049, -12.1359$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, -4.8048, 1.0998$, and $158.6780, -11.6733, 10.8064$ is the 20% darker color. If you saturate the color by 10%, you get $205.2570, -19.8467, 19.0686$, and if you desaturate by 10%, it is $221.0670, -4.9630, 5.2032$.

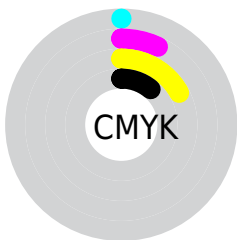
Distribution



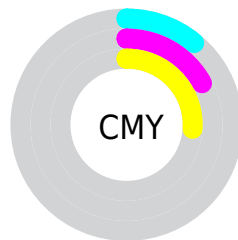
- Red (89%)
- Green (83%)
- Blue (74%)



- Red (84%)
- Yellow (89%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.1620, -12.4049, 12.1359 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 213.1620, -12.4049, 12.1359 by changing the saturation by 10% instead.

■ 213.1620,
-12.4049, 12.1359

■ 213.1620,
-12.4049, 12.1359

255.0000, 0.0000,
0.0000

■ 185.2760,
-11.9681, 12.0359

■ 253.7460, -4.8048,
1.0998

■ 158.6780,
-11.6733, 10.8064

■ 132.6780,
-11.6733, 10.8064

■ 106.9060,
-10.7997, 10.6064

■ 82.7210, -10.2155,
9.8917

■ 59.5360, -9.6312,
9.1769

■ 37.9380, -9.3364,

7.9474

■ 17.1660, -8.4628,
7.7474

■ 0.0000, 0.0000,
0.0000

■ 213.1620,
-12.4049, 12.1359

■ 213.1620,
-12.4049, 12.1359

■ 205.2570,
-19.8467, 19.0686

■ 221.0670, -4.9630,
5.2032

■ 196.8790,
-26.5623, 26.4161

■ 229.4450, 1.7526,
-2.1443

■ 188.9740,
-34.0042, 33.3488

■ 237.2360, 8.7577,
-8.9770

■ 181.0690,
-41.4460, 40.2815

■ 242.5190, 6.1531,
-13.6102

■ 172.6910,
-48.1617, 47.6290

■ 246.6280, 4.1274,
-17.2138

■ 164.7860,
-55.6035, 54.5617

■ 156.8810,
-63.0453, 61.4944

■ 148.3890,
-70.1978, 68.9418

■ 146.5310,
-72.2398, 70.5713

Harmonies

Analogous

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



214.3740, -10.5374, 19.8430



213.1620, -12.4049, 12.1359



211.4380, -11.0619, 1.3699

Triad

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



213.1620, -12.4049, 12.1359



209.1540, 6.3331, -24.6911



215.4880, 6.6614, 10.0960

Complementary

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



213.1620, -12.4049, 12.1359



201.8380, 12.4049, -12.1359

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.



214.2630, 11.2093, -1.9847



213.1620, -12.4049, 12.1359



210.1310, 11.2744, -22.9169

Square

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



213.1620, -12.4049, 12.1359



208.5800, 0.2071, -19.8027



211.9410, 12.8471, -13.9803



215.9360, 0.5246, 18.4731

Rectangle

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



213.1620, -12.4049, 12.1359



210.7790, -8.2720, -6.8222



211.9410, 12.8471, -13.9803



214.9220, 8.4195, 6.2074

Sweetspot

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



213.1620, -12.4049, 12.1359



250.5830, -4.2314, 3.8737



201.4850, 1.2399, 22.3767



124.7400, -2.3368, 2.8590



0.0000, 0.0000, 0.0000



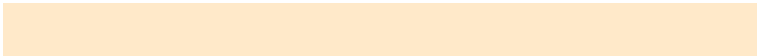
128.0000, 0.0000, 0.0000

Same Dimension

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



213.1620, -12.4049, 12.1359



235.9300, -17.2205, 16.7244



221.6570, -16.5929, 2.0548



110.6970, -3.7946, 3.7737



115.1560, -56.7719, 55.9912



32.8590, -16.1995, 15.9097

Inverse Universe

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



201.8380, 12.4049, -12.1359



220.0700, 17.2205, -16.7244



193.3430, 16.5929, -2.0548



107.3030, 3.7946, -3.7737



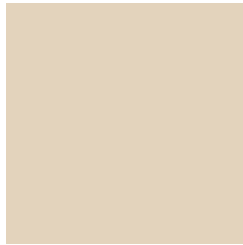
63.2570, 57.0613, -55.4764



18.1410, 16.1995, -15.9097

Previews

White Background



This preview shows how the YUV color 213.1620, -12.4049, 12.1359 looks on a white background.

Color Contrast Check

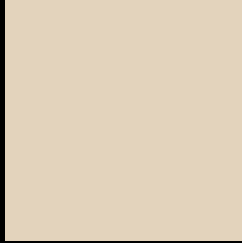
Large Text (above 18pt) WCAG AA × Fail

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 213.1620, -12.4049, 12.1359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

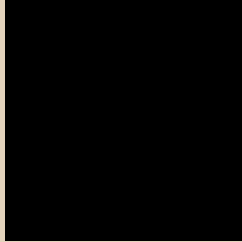
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.1620, -12.4049, 12.1359

Background



This preview shows how black text looks on a background with the YUV color 213.1620, -12.4049, 12.1359.

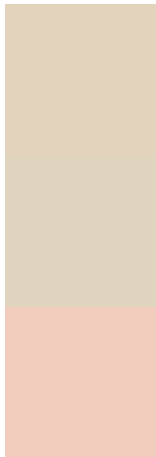


This preview shows how white text looks on a background with the YUV color 213.1620, -12.4049, 12.1359.

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

213.1620, -12.4049, 12.1359

Protanopia

212.6670, -11.6678, 9.0620

Deuteranopia

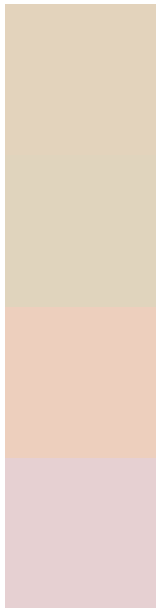
214.2390, -12.4428, 24.3464



Tritanopia

215.2990, 3.3036, 13.7698

Trichromacy



Original Color

213.1620, -12.4049, 12.1359

Protanomaly

212.9660, -11.8152, 9.6768

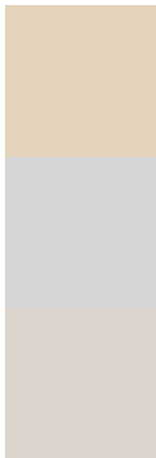
Deuteranomaly

213.9180, -12.2846, 20.2429

Tritanomaly

214.8060, -2.3694, 13.3251

Monochromacy



Original Color

213.1620, -12.4049, 12.1359

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8820, -4.3788, 4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.1620, -12.4049, 12.1359 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(227, 211, 188)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 188)  
}
```

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(227, 211, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 188) }
```

Border

The CSS property to change the border of an element to YUV 213.1620, -12.4049, 12.1359 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(227, 211, 188) }
```


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

```
.border{ border-color:rgb(227, 211, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 211, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 211, 188); box-shadow:4px 4px 4px 4px rgb(227, 211, 188) }
```

Background

The CSS property to change the background color of an element to YUV 213.1620, -12.4049, 12.1359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 188) }
```

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

```
.background{ background-color: rgb(227,  
211, 188) }
```

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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