

Converting Colors

YUV(187.4630, -12.0603,
41.6899)

Have a look what the booklet for
YUV(187.4630, -12.0603, 41.6899)
contains.

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Color

**YUV(187.4630, -12.0603,
41.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA8A3
RGB	235, 168, 163
RGB Percent	92%, 66%, 64%
CMY	0.0784, 0.3412, 0.3608
CMYK	0.00, 0.29, 0.31, 0.08
HSL	4°, 64%, 78%
HSV	4°, 31%, 92%
XYZ	54.8744, 48.3118, 41.0832
YIQ	187.4630, 41.5370, 12.6490

Conversions

Conversions Part 2

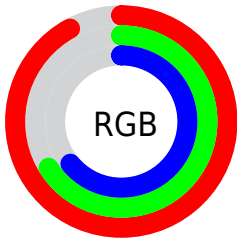
Format	Color
R _Y B	235, 168, 163
Decimal	15444131
CIE Lab	75.02, 24.01, 12.41
CIE LCh	75, 27.025, 27.340
Yxy	48.3118, 0.3804, 0.3349
Android (android.graphics.Color)	4293634211 (0xFFEBA8A3)
YUV	187.4630, -12.0603, 41.6899
Hunter-Lab	69.5067, 19.2863, 13.6102

Details

The YUV color **187.4630, -12.0603, 41.6899** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **210.5370, 12.0603, -41.6899**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5850, -7.1904, 19.6580**, and **133.3810, -11.0338, 39.1309** is the 20% darker color. If you saturate the color by 10%, you get **171.8130, -16.1768, 55.4150**, and if you desaturate by 10%, it is **203.1130, -7.9437, 27.9649**.

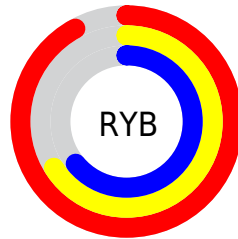
Distribution



Red (92%)

Green (66%)

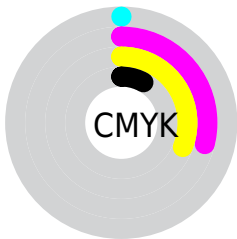
Blue (64%)



Red (92%)

Yellow (66%)

Blue (64%)

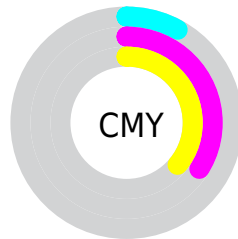


Cyan (0%)

Magenta (29%)

Yellow (31%)

Black (8%)



Cyan (8%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.4630, -12.0603, 41.6899 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 187.4630, -12.0603, 41.6899 by changing the saturation by 10% instead.


 187.4630,
-12.0603, 41.6899


 187.4630,
-12.0603, 41.6899

255.0000, 0.0000,
0.0000


 159.9790,
-11.3286, 40.3604


 232.5850, -7.1904,
19.6580


 133.3810,
-11.0338, 39.1309

 252.2130, -3.0630,
2.4442

 107.5980,
-10.1548, 37.1866

 82.8150, -9.2758,
35.2422

 58.7330, -8.2494,
32.6832

 35.9500, -7.3703,
30.7389

 14.0530, -6.9281,

28.8945

■ 2.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,
0.0000

■ 187.4630,
-12.0603, 41.6899

■ 187.4630,
-12.0603, 41.6899

■ 171.8130,
-16.1768, 55.4150

■ 203.1130, -7.9437,
27.9649

■ 156.2770,
-19.8566, 69.0401

■ 218.6490, -4.2640,
14.3398

■ 140.7410,
-23.5363, 82.6651

■ 234.2990, -0.1474,
0.6148

■ 125.6780,
-27.9423, 95.8754

■ 249.0200, 2.9481,
-12.2955

■ 110.1420,
-31.6220, 109.5005

■ 94.4920, -35.7386,
123.2255

■ 79.6570, -39.2709,
136.2358

Harmonies

Analogous

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



188.8290, -0.4087, 37.8610



187.4630, -12.0603, 41.6899



185.8290, -20.6217, 34.3530

Triad

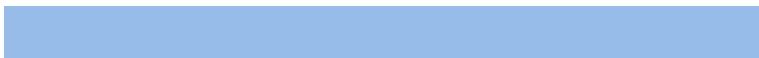
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187.4630, -12.0603, 41.6899



177.8000, -10.2544, -24.3806



182.1810, 25.5468, -27.3457

Complementary

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



187.4630, -12.0603, 41.6899



210.5370, 12.0603, -41.6899

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.



175.8210, 24.7382, -48.0780



187.4630, -12.0603, 41.6899



174.5230, 3.1932, -44.3087

Square

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



187.4630, -12.0603, 41.6899



181.0110, -20.2184, -1.7636



173.0130, 16.7556, -54.3854



186.7930, 20.8081, -0.6955

Rectangle

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



187.4630, -12.0603, 41.6899



184.3780, -23.3574, 25.1015



173.0130, 16.7556, -54.3854



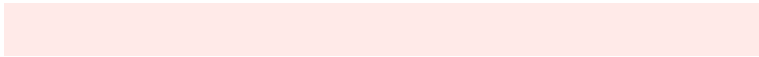
179.9520, 26.1527, -35.0379

Sweetspot

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



187.4630, -12.0603, 41.6899



240.0510, -3.9691, 13.1103



192.1660, 18.6522, 37.5654



118.0720, -2.5005, 8.7069



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.



187.4630, -12.0603, 41.6899



192.6280, -15.5926, 54.7002



208.5950, -22.4783, 23.1572



109.2890, -1.6215, 6.7625



61.7500, -30.4428, 104.5823



18.4940, -9.1175, 31.1388

Inverse Universe

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



210.5370, 12.0603, -41.6899



222.7850, 15.8820, -54.1854



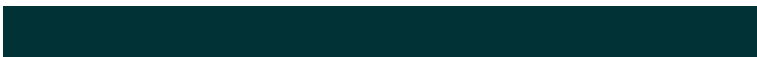
189.4050, 22.4783, -23.1572



113.1240, 1.9109, -6.2477



119.2500, 30.4428, -104.5823



35.5060, 9.1175, -31.1388

Previews

White Background



This preview shows how the YUV color 187.4630, -12.0603, 41.6899 looks on a white background.

Color Contrast Check

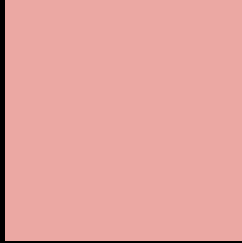
Large Text (above 18pt) WCAG AA × Fail

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 187.4630, -12.0603, 41.6899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

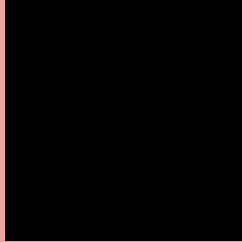
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.4630, -12.0603, 41.6899

Background



This preview shows how black text looks on a background with the YUV color 187.4630, -12.0603, 41.6899.



This preview shows how white text looks on a background with the YUV color 187.4630, -12.0603, 41.6899.

41.6899.

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

187.4630, -12.0603, 41.6899

Protanopia

185.0240, -6.4208, 6.1180

Deuteranopia

186.2280, -12.4374, 22.6020



Tritanopia

188.5970, -5.2243, 42.4494

Trichromacy



Original Color

187.4630, -12.0603, 41.6899

Protanomaly

185.9440, -8.3534, 19.3431

Deuteranomaly

186.3860, -12.0223, 29.4795

Tritanomaly

188.3150, -7.5503, 41.8197

Monochromacy



Original Color

187.4630, -12.0603, 41.6899

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.9480, -4.4114, 14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.4630, -12.0603, 41.6899 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(235, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(235, 168, 163)  
}
```

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(235, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 168, 163) }
```

Border

The CSS property to change the border of an element to YUV 187.4630, -12.0603, 41.6899 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(235, 168, 163) }
```


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

```
.border{ border-color:rgb(235, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(235, 168,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 187.4630, -12.0603, 41.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 168, 163) }
```

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

```
.background{ background-color: rgb(235,  
168, 163) }
```

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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