

Converting Colors

YUV(196.9570, -41.8838,
-6.1013)

Have a look what the booklet for
YUV(196.9570, -41.8838, -6.1013)
contains.

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Color

**YUV(196.9570, -41.8838,
-6.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	BED970
RGB	190, 217, 112
RGB Percent	75%, 85%, 44%
CMY	0.2549, 0.1490, 0.5608
CMYK	0.12, 0.00, 0.48, 0.15
HSL	75°, 58%, 65%
HSV	75°, 48%, 85%
XYZ	48.9727, 61.7427, 24.6656
YIQ	196.9570, 17.6130, -38.3790

Conversions

Conversions Part 2

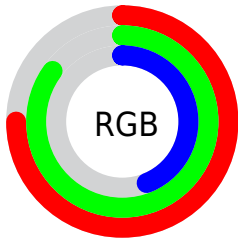
Format	Color
RYB	112, 217, 139
Decimal	12507504
CIELab	82.78, -24.92, 48.38
CIELCh	83, 54.423, 117.247
Yxy	61.7427, 0.3617, 0.4561
Android (android.graphics.Color)	4290697584 (0xFFBED970)
YUV	196.9570, -41.8838, -6.1013
Hunter-Lab	78.5765, -26.2591, 36.3921

Details

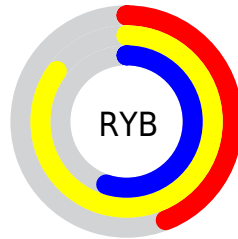
The YUV color **196.9570, -41.8838, -6.1013** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **132.0430, 41.8838, 6.1013**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7610, -37.8432, 4.5946**, and **142.2990, -40.5734, -6.4012** is the 20% darker color. If you saturate the color by 10%, you get **192.6550, -50.6089, -7.5904**, and if you desaturate by 10%, it is **201.2590, -33.1587, -4.6121**.

Distribution



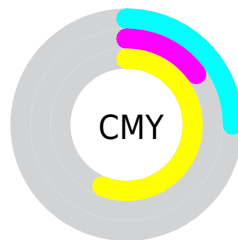
- Red (75%)
- Green (85%)
- Blue (44%)



- Red (44%)
- Yellow (85%)
- Blue (55%)



- Cyan (12%)
- Magenta (0%)
- Yellow (48%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9570, -41.8838, -6.1013 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 196.9570, -41.8838, -6.1013 by changing the saturation by 10% instead.

■ 196.9570,
-41.8838, -6.1013

■ 196.9570,
-41.8838, -6.1013

■ 255.0000, 0.0000,
0.0000

■ 169.1850,
-41.0102, -6.3012

■ 242.7610,
-37.8432, 4.5946

■ 142.2990,
-40.5734, -6.4012

■ 248.0460,
-26.6447, 6.0987

■ 116.0000,
-40.4260, -7.0160

■ 251.2380,
-14.4143, 3.2993

■ 89.0880, -43.9204,
-6.2162

■ 254.5440, -1.7472,
0.3999

■ 67.2260, -33.1424,
-9.8452

■ 45.6630, -22.5119,
-12.8595

■ 23.7790, -11.7230,

-19.9772

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 196.9570,
-41.8838, -6.1013

■ 196.9570,
-41.8838, -6.1013

■ 192.6550,
-50.6089, -7.5904

■ 201.2590,
-33.1587, -4.6121

■ 188.7660,
-59.0446, -8.5648

■ 205.1480,
-24.7230, -3.6378

■ 184.4640,
-67.7698, -10.0539

■ 209.4500,
-15.9978, -2.1486

■ 180.4610,
-76.6423, -10.9283

■ 213.4530, -7.1253,
-1.2743

■ 176.1590,
-85.3674, -12.4174

■ 217.6410, 1.1630,
0.3148

■ 175.5180,
-86.5304, -12.7323

■ 221.6440, 10.0355,
1.1892

■ 224.9200, 14.8294,
3.5782

■ 226.7140, 13.9450,
7.2668

■ 228.2090, 13.2080,
10.3407

Harmonies

Analogous

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



202.2610, -49.4287, 33.9741



196.9570, -41.8838, -6.1013



188.2080, -19.3295, -53.6794

Triad

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



196.9570, -41.8838, -6.1013



161.1450, 46.2705, -141.3242



196.7950, 7.9891, 51.0458

Complementary

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



196.9570, -41.8838, -6.1013



132.0430, 41.8838, 6.1013

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.



208.0400, 23.1513, 41.1839



196.9570, -41.8838, -6.1013



186.0940, 33.9707, -69.3654

Square

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



196.9570, -41.8838, -6.1013



164.7980, 42.4976, -144.5278



204.2320, 25.0286, -1.0805



193.3290, -15.4452, 54.0855

Rectangle

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



196.9570, -41.8838, -6.1013



176.6770, 2.6242, -95.3097



204.2320, 25.0286, -1.0805



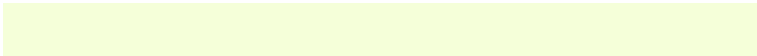
199.9070, 14.8358, 48.3166

Sweetspot

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



196.9570, -41.8838, -6.1013



247.6780, -15.1243, -2.3486



158.6570, -23.0019, 51.1668



123.5840, -9.1619, -1.3892



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.



196.9570, -41.8838, -6.1013



226.7660, -59.0446, -8.5648



181.4090, -34.2186, -38.0697



107.8490, -4.3626, -0.7446



140.1220, -69.0801, -9.7540



37.1680, -18.3238, -2.7783

Inverse Universe

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



132.0430, 41.8838, 6.1013



135.2340, 59.0446, 8.5648



147.5910, 34.2186, 38.0697



101.1510, 4.3626, 0.7446



33.1770, 68.9327, 10.3688



8.8320, 18.3238, 2.7783

Previews

White Background



This preview shows how the YUV color 196.9570, -41.8838, -6.1013 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 196.9570, -41.8838, -6.1013 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 196.9570, -41.8838, -6.1013 Background



This preview shows how black text looks on a background with the YUV color 196.9570, -41.8838, -6.1013.



This preview shows how white text looks on a background with the YUV color 196.9570, -41.8838, -6.1013.

-6.1013.

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

196.9570, -41.8838, -6.1013

Protanopia

201.1070, -45.9018, 22.7082

Deuteranopia

203.4390, -42.6144, 41.7110



Tritanopia

206.2260, 7.2836, -2.8292

Trichromacy



Original Color

196.9570, -41.8838, -6.1013

Protanomaly

199.6820, -44.7062, 12.5569

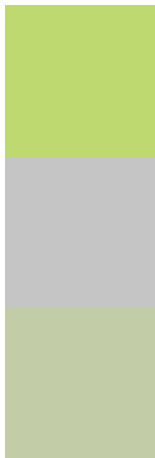
Deuteranomaly

201.3290, -42.5602, 24.2675

Tritanomaly

202.5190, -10.6089, -3.9632

Monochromacy



Original Color

196.9570, -41.8838, -6.1013

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.6780, -15.1243, -2.3486

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9570, -41.8838, -6.1013 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(190, 217, 112)` looks like.

```
.text, #text, p{  
    color:rgb(190, 217, 112)  
}
```

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(190, 217, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 217, 112) }
```

Border

The CSS property to change the border of an element to YUV 196.9570, -41.8838, -6.1013 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(190, 217, 112) }
```


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

```
.border{ border-color:rgb(190, 217, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 217, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 217, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 217, 112);  
box-shadow:4px 4px 4px 4px rgb(190, 217,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 196.9570, -41.8838, -6.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 217, 112) }
```

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

```
.background{ background-color: rgb(190,  
217, 112) }
```

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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