

Converting Colors

YUV(210.3860, -18.9243,
3.1695)

Have a look what the booklet for
YUV(210.3860, -18.9243, 3.1695)
contains.

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Color

**YUV(210.3860, -18.9243,
3.1695)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D8AC
RGB	214, 216, 172
RGB Percent	84%, 85%, 67%
CMY	0.1608, 0.1529, 0.3255
CMYK	0.01, 0.00, 0.20, 0.15
HSL	63°, 36%, 76%
HSV	63°, 20%, 85%
XYZ	59.7338, 66.3864, 48.6953
YIQ	210.3860, 12.9320, -14.1080

Conversions

Conversions Part 2

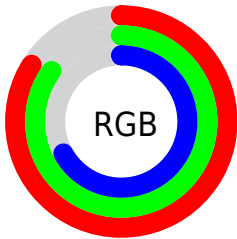
Format	Color
RYB	172, 216, 174
Decimal	14080172
CIELab	85.19, -7.89, 21.52
CIELCh	85, 22.927, 110.141
Yxy	66.3864, 0.3417, 0.3798
Android (android.graphics.Color)	4292270252 (0xFFD6D8AC)
YUV	210.3860, -18.9243, 3.1695
Hunter-Lab	81.4779, -11.7227, 21.5998

Details

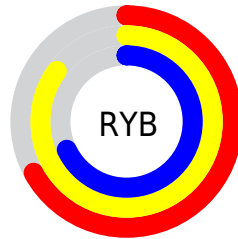
The YUV color $210.3860, -18.9243, 3.1695$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $177.6140, 18.9243, -3.1695$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, -11.7935, 2.6994$, and $155.7280, -17.6139, 2.8695$ is the 20% darker color. If you saturate the color by 10%, you get $207.5790, -28.3864, 4.7542$, and if you desaturate by 10%, it is $213.1930, -9.4621, 1.5847$.

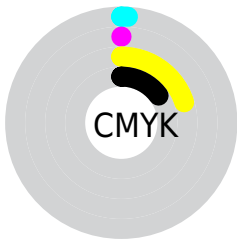
Distribution



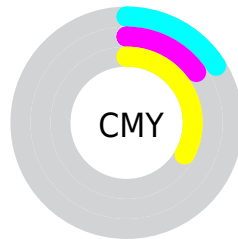
- Red (84%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.3860, -18.9243, 3.1695 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 210.3860, -18.9243, 3.1695 by changing the saturation by 10% instead.

■ 210.3860,
-18.9243, 3.1695

■ 210.3860,
-18.9243, 3.1695

255.0000, 0.0000,
0.0000

■ 182.5000,
-18.4875, 3.0695

■ 251.9220,
-11.7935, 2.6994

■ 155.7280,
-17.6139, 2.8695

■ 129.8420,
-17.1771, 2.7696

■ 104.6570,
-16.5929, 2.0548

■ 80.4720, -16.0087,
1.3401

■ 56.9990, -15.2825,
1.7549

■ 34.6570, -16.5929,

2.0548

■ 15.0180, -7.4039,
-5.2778

■ 0.0000, 0.0000,
0.0000

■ 210.3860,
-18.9243, 3.1695

■ 210.3860,
-18.9243, 3.1695

■ 207.5790,
-28.3864, 4.7542

■ 213.1930, -9.4621,
1.5847

■ 204.8860,
-37.4118, 6.2390

■ 215.8860, -0.4368,
0.1000

■ 202.0790,
-46.8739, 7.8237

■ 218.6930, 9.0254,
-1.4848

■ 199.3860,
-55.8993, 9.3085

■ 221.0440, 16.7403,
-2.6696

■ 196.5790,
-65.3614, 10.8932

■ 221.3430, 16.5929,
-2.0548

■ 193.7720,
-74.8236, 12.4780

■ 221.6420, 16.4455,
-1.4400

■ 191.0790,
-83.8489, 13.9627

■ 221.9410, 16.2981,
-0.8253

■ 188.3860,
-92.8743, 15.4475

■ 222.2400, 16.1507,
-0.2105

■ 222.5390, 16.0033,
0.4043

Harmonies

Analogous

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



212.7410, -20.5783, 20.3981



210.3860, -18.9243, 3.1695



207.9150, -11.2971, -16.5885

Triad

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



210.3860, -18.9243, 3.1695



205.4860, 19.4804, -41.6452



216.7680, 2.0864, 30.8985

Complementary

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



210.3860, -18.9243, 3.1695



177.6140, 18.9243, -3.1695

Split Complementary

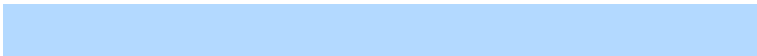
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.6010, 12.0287, 15.2589



210.3860, -18.9243, 3.1695



209.9700, 22.1998, -27.1607

Square

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



210.3860, -18.9243, 3.1695



203.9990, 11.3395, -43.8491



214.0050, 19.2245, -6.1434



215.1570, -7.9654, 34.9423

Rectangle

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



210.3860, -18.9243, 3.1695



205.9720, -4.4232, -28.0394



214.0050, 19.2245, -6.1434



216.6580, 5.5916, 26.6099

Sweetspot

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



210.3860, -18.9243, 3.1695



252.9910, -6.4046, 0.8849



185.7430, -6.7753, 26.5354



126.6750, -3.7838, 0.2850



0.0000, 0.0000, 0.0000



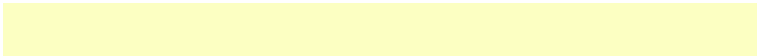
128.0000, 0.0000, 0.0000

Same Dimension

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



210.3860, -18.9243, 3.1695



247.1490, -26.2025, 4.2543



204.1070, -15.8288, -9.7408



105.7460, -4.8048, 1.0998



149.1140, -73.5132, 12.1780



37.5000, -18.4875, 3.0695

Inverse Universe

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



177.6140, 18.9243, -3.1695



201.8510, 26.2025, -4.2543



183.8930, 15.8288, 9.7408



97.5530, 4.6574, -0.4850



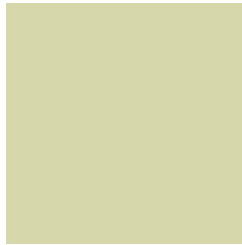
21.8860, 73.5132, -12.1780



5.5000, 18.4875, -3.0695

Previews

White Background



This preview shows how the YUV color 210.3860, -18.9243, 3.1695 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 210.3860, -18.9243, 3.1695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

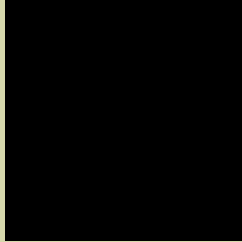
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

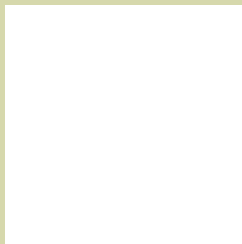
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 210.3860, -18.9243, 3.1695

Background



This preview shows how black text looks on a background with the YUV color 210.3860, -18.9243, 3.1695.



This preview shows how white text looks on a background with the YUV color 210.3860, -18.9243, 3.1695.

3.1695.

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

210.3860, -18.9243, 3.1695

Protanopia

211.3980, -20.4092, 12.8060

Deuteranopia

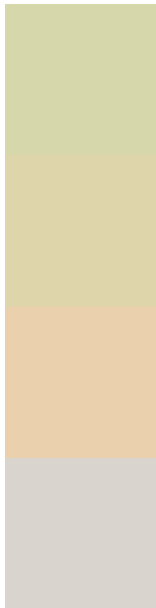
213.4370, -19.4424, 29.4348



Tritanopia

214.4120, 5.2199, 5.7777

Trichromacy



Original Color

210.3860, -18.9243, 3.1695

Protanomaly

210.9030, -19.6722, 9.7321

Deuteranomaly

212.0830, -19.2679, 20.0982

Tritanomaly

213.1100, -3.5052, 4.2885

Monochromacy



Original Color

210.3860, -18.9243, 3.1695

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8770, -6.8414, 0.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.3860, -18.9243, 3.1695 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(214, 216, 172)` looks like.

```
.text, #text, p{  
    color:rgb(214, 216, 172)  
}
```

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(214, 216, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 172) }
```

Border

The CSS property to change the border of an element to YUV 210.3860, -18.9243, 3.1695 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(214, 216, 172) }
```


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

```
.border{ border-color:rgb(214, 216, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 216, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 172);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 210.3860, -18.9243, 3.1695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 216, 172) }
```

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

```
.background{ background-color: rgb(214,  
216, 172) }
```

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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