

Converting Colors

YUV(210.1750, -35.5823,
26.1565)

Have a look what the booklet for
YUV(210.1750, -35.5823, 26.1565)
contains.

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Color

**YUV(210.1750, -35.5823,
26.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D18A
RGB	240, 209, 138
RGB Percent	94%, 82%, 54%
CMY	0.0588, 0.1804, 0.4588
CMYK	0.00, 0.13, 0.43, 0.06
HSL	42°, 77%, 74%
HSV	42°, 43%, 94%
XYZ	63.3231, 65.9612, 33.4390
YIQ	210.1750, 41.2670, -15.5090

Conversions

Conversions Part 2

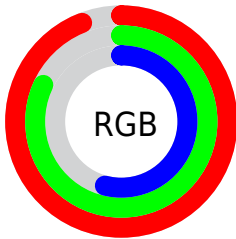
Format	Color
R _Y B	183, 240, 138
Decimal	15782282
CIE Lab	84.98, 1.45, 39.16
CIE LCh	85, 39.188, 87.879
Yxy	65.9612, 0.3891, 0.4054
Android (android.graphics.Color)	4293972362 (0xFFFF0D18A)
YUV	210.1750, -35.5823, 26.1565
Hunter-Lab	81.2165, -2.9555, 32.4402

Details

The YUV color $210.1750, -35.5823, 26.1565$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $167.8250, 35.5823, -26.1565$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8180, -27.5183, 6.2986$, and $155.3210, -33.6823, 23.3975$ is the 20% darker color. If you saturate the color by 10%, you get $203.3300, -44.0397, 32.1596$, and if you desaturate by 10%, it is $217.0200, -27.1249, 20.1535$.

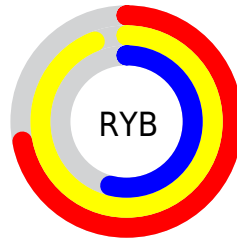
Distribution



Red (94%)

Green (82%)

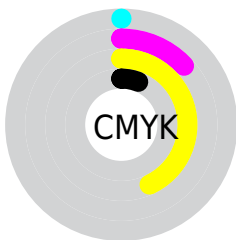
Blue (54%)



Red (72%)

Yellow (94%)

Blue (54%)

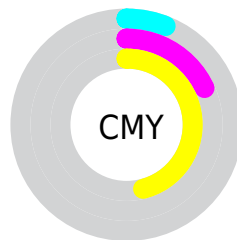


Cyan (0%)

Magenta (13%)

Yellow (43%)

Black (6%)



Cyan (6%)

Magenta (18%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.1750, -35.5823, 26.1565 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 210.1750, -35.5823, 26.1565 by changing the saturation by 10% instead.

210.1750,
-35.5823, 26.1565

210.1750,
-35.5823, 26.1565

255.0000, 0.0000,
0.0000

182.1040,
-34.5613, 25.3418

247.8180,
-27.5183, 6.2986

155.3210,
-33.6823, 23.3975

251.0100,
-15.2879, 3.4992

128.8370,
-32.9506, 22.0680

254.3160, -2.6208,
0.5999

103.3530,
-32.2190, 20.7384

78.3420, -32.2136,
18.9941

55.8840, -27.5508,
16.7647

36.0820, -17.7884,

12.2061

■ 16.2800, -8.0260,
7.6474

■ 0.0000, 0.0000,
0.0000

■ 210.1750,
-35.5823, 26.1565

■ 210.1750,
-35.5823, 26.1565

■ 203.3300,
-44.0397, 32.1596

■ 217.0200,
-27.1249, 20.1535

■ 195.8980,
-52.2077, 38.6775

■ 224.4520,
-18.9568, 13.6356

■ 189.0530,
-60.6651, 44.6805

■ 231.2970,
-10.4994, 7.6325

■ 182.2080,
-69.1225, 50.6836

■ 238.1420, -2.0420,
1.6295

■ 175.3630,
-77.5800, 56.6866

■ 244.6450, 5.1050,
-4.0737

■ 169.7890,
-83.7060, 61.5750

■ 249.3410, 2.7899,
-8.1921

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



208.5110, -28.3529, 40.7709



210.1750, -35.5823, 26.1565



206.1820, -29.6697, -3.6676

Triad

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



210.1750, -35.5823, 26.1565



189.0450, 28.0788, -93.0015



217.0900, 17.2106, 33.2471

Complementary

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



210.1750, -35.5823, 26.1565



167.8250, 35.5823, -26.1565

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.



212.5050, 20.9500, 0.4341



210.1750, -35.5823, 26.1565



192.5290, 30.7982, -78.5169

Square

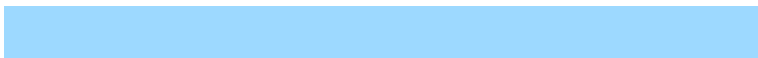
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.1750, -35.5823, 26.1565



193.9820, 6.9109, -70.1442



203.3920, 25.4427, -40.6858



208.8770, 3.5116, 40.4499

Rectangle

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



210.1750, -35.5823, 26.1565



202.7430, -20.5793, -26.0846



203.3920, 25.4427, -40.6858



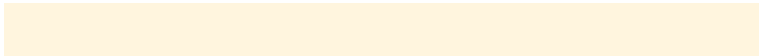
216.4910, 18.9849, 24.1254

Sweetspot

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



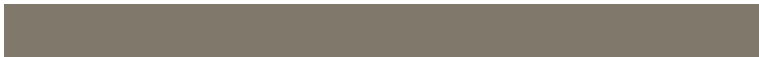
210.1750, -35.5823, 26.1565



245.3680, -11.5204, 8.4473



172.1460, -1.0580, 59.5080



121.4970, -7.1470, 5.7031



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.



210.1750, -35.5823, 26.1565



216.7000, -45.2081, 33.5891



222.6910, -41.7527, -1.4830



116.2840, -4.0840, 3.2589



130.1520, -64.1649, 47.2247



39.6370, -19.5410, 14.3504

Inverse Universe

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



167.8250, 35.5823, -26.1565



162.7130, 45.4975, -33.0743



155.3090, 41.7527, 1.4830



111.7160, 4.0840, -3.2589



53.8480, 64.1649, -47.2247



16.3630, 19.5410, -14.3504

Previews

White Background



This preview shows how the YUV color 210.1750, -35.5823, 26.1565 looks on a white background.

Color Contrast Check

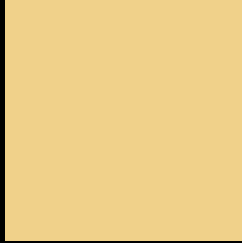
Large Text (above 18pt) WCAG AA × Fail

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 210.1750, -35.5823, 26.1565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

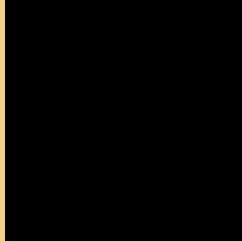
Any Text WCAG AA ✓ Pass

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 210.1750, -35.5823, 26.1565 Background



This preview shows how black text looks on a background with the YUV color 210.1750, -35.5823, 26.1565.



This preview shows how white text looks on a background with the YUV color 210.1750, -35.5823, 26.1565.

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

210.1750, -35.5823, 26.1565

Protanopia

209.3590, -34.6870, 18.9792

Deuteranopia

211.3660, -35.1834, 38.2670



Tritanopia

215.4750, -0.2342, 28.5244

Trichromacy



Original Color

210.1750, -35.5823, 26.1565

Protanomaly

209.6690, -34.8398, 21.3383

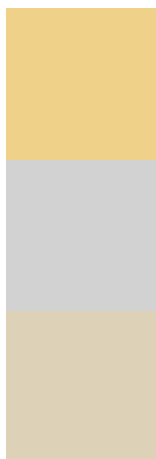
Deuteranomaly

210.9310, -35.4620, 34.2635

Tritanomaly

213.7340, -13.1799, 27.4203

Monochromacy



Original Color

210.1750, -35.5823, 26.1565

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.3250, -12.9782, 9.3620

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.1750, -35.5823, 26.1565 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(240, 209, 138)` looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 138)  
}
```

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(240, 209, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 138) }
```

Border

The CSS property to change the border of an element to YUV 210.1750, -35.5823, 26.1565 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(240, 209, 138) }
```


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

```
.border{ border-color:rgb(240, 209, 138) }
```

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

Here you see how a box with a 4 pixel rgb(240, 209, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 138);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 210.1750, -35.5823, 26.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 138) }
```

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

```
.background{ background-color: rgb(240,  
209, 138) }
```

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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