

Converting Colors

YUV(210.1970, -59.2571,
12.9822)

Have a look what the booklet for
YUV(210.1970, -59.2571, 12.9822)
contains.

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Color

**YUV(210.1970, -59.2571,
12.9822)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E25A
RGB	225, 226, 90
RGB Percent	88%, 89%, 35%
CMY	0.1176, 0.1137, 0.6471
CMYK	0.00, 0.00, 0.60, 0.11
HSL	60°, 70%, 62%
HSV	60°, 60%, 89%
XYZ	60.0932, 71.1384, 20.2367
YIQ	210.1970, 43.0600, -42.5080

Conversions

Conversions Part 2

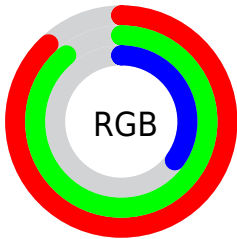
Format	Color
R_{YB}	90, 226, 91
Decimal	14803546
CIE Lab	87.55, -17.21, 64.40
CIE LCh	88, 66.661, 104.958
Yxy	71.1384, 0.3967, 0.4697
Android (android.graphics.Color)	4292993626 (0xFFE1E25A)
YUV	210.1970, -59.2571, 12.9822
Hunter-Lab	84.3436, -20.4236, 44.8150

Details

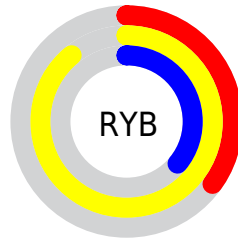
The YUV color **210.1970, -59.2571, 12.9822** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **105.8030, 59.2571, -12.9822**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4600, -48.0478, 10.9976**, and **153.8440, -60.5621, 11.5378** is the 20% darker color. If you saturate the color by 10%, you get **207.5750, -69.3035, 15.2817**, and if you desaturate by 10%, it is **212.8190, -49.2108, 10.6827**.

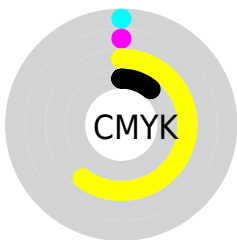
Distribution



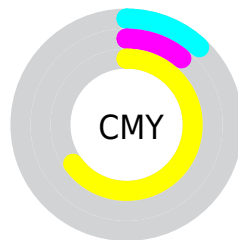
- Red (88%)
- Green (89%)
- Blue (35%)



- Red (35%)
- Yellow (89%)
- Blue (36%)



- Cyan (0%)
- Magenta (0%)
- Yellow (60%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.1970, -59.2571, 12.9822 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 210.1970, -59.2571, 12.9822 by changing the saturation by 10% instead.

■ 210.1970,
-59.2571, 12.9822

■ 210.1970,
-59.2571, 12.9822

255.0000, 0.0000,
0.0000

■ 181.8980,
-59.1097, 12.3675

■ 242.4600,
-48.0478, 10.9976

■ 153.8440,
-60.5621, 11.5378

■ 245.6520,
-35.8174, 8.1982

■ 125.7900,
-62.0145, 10.7082

■ 248.9580,
-23.1503, 5.2988

■ 103.0420,
-50.7997, 6.9792

■ 252.2640,
-10.4832, 2.3995

■ 80.2940, -39.5849,
3.2502

■ 58.7200, -28.9490,
-1.5084

■ 38.0320, -18.7498,

-6.1671

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 210.1970,
-59.2571, 12.9822

■ 210.1970,
-59.2571, 12.9822

■ 207.5750,
-69.3035, 15.2817

■ 212.8190,
-49.2108, 10.6827

■ 205.0670,
-78.9130, 17.4812

■ 215.3270,
-39.6012, 8.4832

■ 202.4450,
-88.9594, 19.7807

■ 217.9490,
-29.5549, 6.1837

■ 199.6380,
-98.4215, 21.3655

■ 220.7560,
-20.0927, 4.5990

■ 223.3780,
-10.0464, 2.2995

■ 226.0000, 0.0000,
0.0000

■ 228.5080, 9.6096,
-2.1995

■ 229.3060, 12.6671,
-2.8994

Harmonies

Analogous

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



207.2960, -55.8549, 41.8364



210.1970, -59.2571, 12.9822



201.5780, -37.2600, -42.6029

Triad

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



210.1970, -59.2571, 12.9822



174.0590, 39.9039, -152.6497



204.4040, 24.4508, 44.3727

Complementary

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



210.1970, -59.2571, 12.9822



105.8030, 59.2571, -12.9822

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.



216.8450, 18.8104, 33.4619



210.1970, -59.2571, 12.9822



167.0150, 43.3766, -146.4722

Square

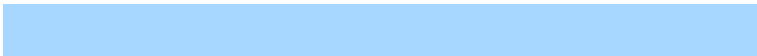
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.1970, -59.2571, 12.9822



175.8370, 36.5624, -154.2090



205.2080, 24.5475, -33.5084



194.7600, -2.3467, 52.8305

Rectangle

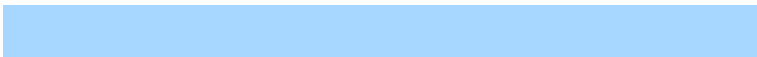
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210.1970, -59.2571, 12.9822



189.2850, -12.9585, -90.5809



205.2080, 24.5475, -33.5084



207.4530, 23.4407, 41.6987

Sweetspot

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



210.1970, -59.2571, 12.9822



249.7560, -20.0927, 4.5990



130.6640, -20.0474, 83.6097



124.3950, -12.5197, 2.2846



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.



210.1970, -59.2571, 12.9822



233.7250, -80.2234, 17.7812



190.1640, -49.3809, -28.2078



110.7460, -4.8048, 1.0998



155.6370, -76.7290, 16.9814



42.5280, -20.9663, 4.7989

Inverse Universe

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



105.8030, 59.2571, -12.9822



92.5740, 80.0760, -17.1664



125.8360, 49.3809, 28.2078



102.2540, 4.8048, -1.0998



20.3630, 76.7290, -16.9814



5.4720, 20.9663, -4.7989

Previews

White Background



This preview shows how the YUV color 210.1970, -59.2571, 12.9822 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 210.1970, -59.2571, 12.9822 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 210.1970, -59.2571, 12.9822 Background



This preview shows how black text looks on a background with the YUV color 210.1970, -59.2571, 12.9822.

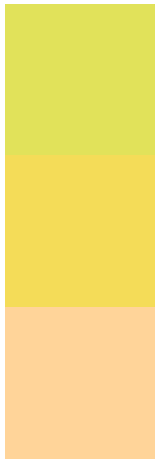


This preview shows how white text looks on a background with the YUV color 210.1970, -59.2571, 12.9822.

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

210.1970, -59.2571, 12.9822

Protanopia

212.1280, -61.1951, 27.9517

Deuteranopia

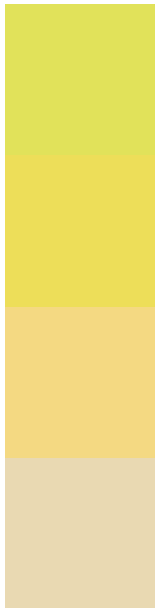
218.1310, -32.1096, 32.3341



Tritanopia

221.7120, 3.5930, 14.2846

Trichromacy



Original Color

210.1970, -59.2571, 12.9822

Protanomaly

211.3230, -60.3052, 22.5187

Deuteranomaly

215.1550, -41.9814, 25.2971

Tritanomaly

217.3380, -19.3936, 13.7356

Monochromacy



Original Color

210.1970, -59.2571, 12.9822

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0010, -21.6925, 4.3841

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.1970, -59.2571, 12.9822 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(225, 226, 90)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 90)  
}
```

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(225, 226, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 90) }
```

Border

The CSS property to change the border of an element to YUV 210.1970, -59.2571, 12.9822 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(225, 226, 90) }
```


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

```
.border{ border-color:rgb(225, 226, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 226, 90); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 226, 90); box-shadow:4px 4px 4px 4px rgb(225, 226, 90) }
```

Background

The CSS property to change the background color of an element to YUV 210.1970, -59.2571, 12.9822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 90) }
```

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

```
.background{ background-color: rgb(225,  
226, 90) }
```

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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