

Converting Colors

YUV(190.4210, 18.5264,
31.2028)

Have a look what the booklet for
YUV(190.4210, 18.5264, 31.2028)
contains.

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Color

**YUV(190.4210, 18.5264,
31.2028)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E2A5E4 |
| RGB | 226, 165, 228 |
| RGB Percent | 89%, 65%, 89% |
| CMY | 0.1137, 0.3529, 0.1059 |
| CMYK | 0.01, 0.28, 0.00, 0.11 |
| HSL | 298°, 54%, 77% |
| HSV | 298°, 28%, 89% |
| XYZ | 58.8228, 48.6805, 79.6948 |
| YIQ | 190.4210, 16.1330, 32.5250 |

Conversions

Conversions Part 2

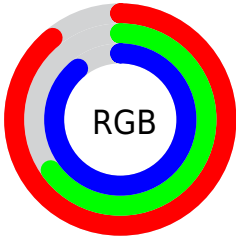
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 226, 165, 228 |
| Decimal | 14853604 |
| CIE Lab | 75.25, 32.77, -22.91 |
| CIE LCh | 75, 39.981, 325.039 |
| Yxy | 48.6805, 0.3142, 0.2600 |
| Android (android.graphics.Color) | 4293043684 (0xFFE2A5E4) |
| YUV | 190.4210, 18.5264, 31.2028 |
| Hunter-Lab | 69.7714, 28.3896, -18.8827 |

Details

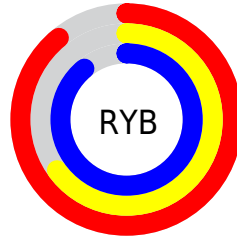
The YUV color **190.4210, 18.5264, 31.2028** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.5790, -18.5264, -31.2028**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0420, 9.8393, 17.5032**, and **136.1820, 17.6583, 29.6584** is the 20% darker color. If you saturate the color by 10%, you get **176.6210, 25.3298, 42.4284**, and if you desaturate by 10%, it is **204.2210, 11.7230, 19.9772**.

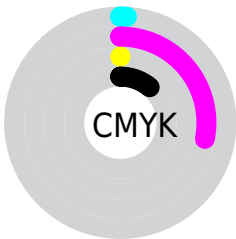
Distribution



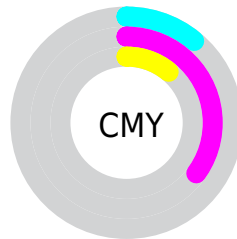
- Red (89%)
- Green (65%)
- Blue (89%)



- Red (89%)
- Yellow (65%)
- Blue (89%)



- Cyan (1%)
- Magenta (28%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.4210, 18.5264, 31.2028 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 190.4210, 18.5264, 31.2028 by changing the saturation by 10% instead.


 190.4210, 18.5264,
31.2028

 190.4210, 18.5264,
31.2028


255.0000, 0.0000,
0.0000


 163.0080, 18.2371,
30.6880


 235.0420, 9.8393,
17.5032


 136.1820, 17.6583,
29.6584

 251.4780, 1.7363,
3.0888

 110.4700, 17.5163,
28.5288

 85.3450, 17.0849,
26.8844

 60.9320, 16.7955,
26.3696

 36.6330, 16.9429,
25.7549

 18.3290, 14.6278,

21.6365

■ 7.5630, 9.5824,
6.5222

■ 0.0000, 0.0000,
0.0000

■ 190.4210, 18.5264,
31.2028

■ 190.4210, 18.5264,
31.2028

■ 176.6210, 25.3298,
42.4284

■ 204.2210, 11.7230,
19.9772

■ 163.1200, 31.9858,
54.2688

■ 217.7220, 5.0671,
8.1368

■ 149.9070, 38.4998,
64.9796

■ 230.9350, -1.4470,
-2.5740

■ 136.1070, 45.3032,
76.2052

■ 244.1480, -7.9610,
-13.2848

122.3070, 52.1066,
87.4308

244.4470, -8.1084,
-12.6700

108.8060, 58.7626,
99.2711

244.7460, -8.2558,
-12.0552

95.0060, 65.5660,
110.4967

245.0450, -8.4032,
-11.4405

92.0710, 67.0130,
113.0707

245.3440, -8.5506,
-10.8257

Harmonies

Analogous

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



187.3330, 31.8808, -5.5540



190.4210, 18.5264, 31.2028



189.5090, 1.7211, 54.8046

Triad

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



190.4210, 18.5264, 31.2028



183.3000, -35.1509, 27.8009



154.4130, 29.8694, -107.3562

Complementary

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



190.4210, 18.5264, 31.2028



202.5790, -18.5264, -31.2028

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.



166.3410, 5.7479, -70.4591



190.4210, 18.5264, 31.2028



179.8510, -30.9855, -1.6233

Square

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



190.4210, 18.5264, 31.2028



185.6370, -29.4010, 50.3074



174.5400, -16.0422, -34.6766



161.7750, 41.0299, -93.6417

Rectangle

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



190.4210, 18.5264, 31.2028



187.5560, -9.6411, 59.1484



174.5400, -16.0422, -34.6766



158.4270, 21.9745, -95.0905

Sweetspot

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



190.4210, 18.5264, 31.2028



242.9610, 5.9352, 9.6812



173.3560, 26.9395, -7.3282



120.0700, 3.9095, 6.0776



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.



190.4210, 18.5264, 31.2028



204.7950, 24.7511, 41.3988



187.7130, 5.5645, 35.3317



107.6570, 3.6201, 5.5628



72.1330, 52.6854, 88.4604



20.4650, 15.0538, 25.0252

Inverse Universe

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



184.0650, -8.4130, 38.5310



196.4580, -11.0718, 51.3413



205.2870, -5.5645, -35.3317



106.7020, -1.3321, 7.2773



54.2050, -23.7651, 109.4452



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 190.4210, 18.5264, 31.2028 looks on a white background.

Color Contrast Check

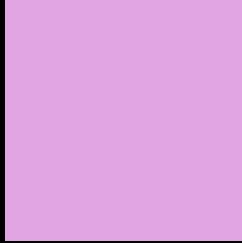
Large Text (above 18pt) WCAG AA × Fail

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 190.4210, 18.5264, 31.2028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

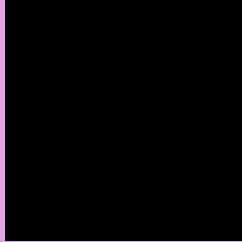
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.4210, 18.5264, 31.2028

Background



This preview shows how black text looks on a background with the YUV color 190.4210, 18.5264, 31.2028.



This preview shows how white text looks on a background with the YUV color 190.4210, 18.5264,

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

190.4210, 18.5264, 31.2028

Protanopia

186.3120, 26.9612, -14.3056

Deuteranopia

187.5000, 18.4875, -3.0695



Tritanopia

188.5350, -1.2498, 27.5948

Trichromacy



Original Color

190.4210, 18.5264, 31.2028



Protanomaly

187.6130, 23.8548, 2.0934



Deuteranomaly

188.5770, 18.4495, 9.1410



Tritanomaly

189.0820, 5.8756, 28.8691

Monochromacy



Original Color

190.4210, 18.5264, 31.2028



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.2000, 6.8034, 11.2256

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4210, 18.5264, 31.2028 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(226, 165, 228)` looks like.

```
.text, #text, p{  
    color:rgb(226, 165, 228)  
}
```

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(226, 165, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 165, 228) }
```

Border

The CSS property to change the border of an element to YUV 190.4210, 18.5264, 31.2028 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(226, 165, 228) }
```


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

```
.border{ border-color:rgb(226, 165, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 165, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 165, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 165, 228); box-shadow:4px 4px 4px 4px rgb(226, 165, 228) }
```

Background

The CSS property to change the background color of an element to YUV 190.4210, 18.5264, 31.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 165, 228) }
```

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

```
.background{ background-color: rgb(226,  
165, 228) }
```

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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