

Converting Colors

YUV(212.3190, 6.2517, 1.4742)

Have a look what the booklet for
YUV(212.3190, 6.2517, 1.4742)
contains.

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Color

**YUV(212.3190, 6.2517,
1.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D1E1
RGB	214, 209, 225
RGB Percent	84%, 82%, 88%
CMY	0.1608, 0.1804, 0.1176
CMYK	0.05, 0.07, 0.00, 0.12
HSL	259°, 21%, 85%
HSV	259°, 7%, 88%
XYZ	64.1226, 65.3333, 80.4651
YIQ	212.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

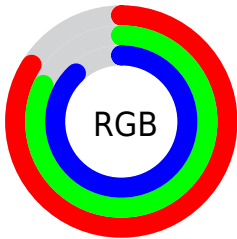
Format	Color
RYB	214, 209, 225
Decimal	14078433
CIELab	84.66, 4.67, -7.28
CIELCh	85, 8.644, 302.672
Yxy	65.3333, 0.3055, 0.3112
Android (android.graphics.Color)	4292268513 (0xFFD6D1E1)
YUV	212.3190, 6.2517, 1.4742
Hunter-Lab	80.8290, 0.1554, -2.4428

Details

The YUV color `212.3190, 6.2517, 1.4742` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `221.6810, -6.2517, -1.4742`, and the grayscale version is `212.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `157.9060, 5.9623, 0.9594` is the 20% darker color. If you saturate the color by 10%, you get `194.9200, 14.8294, 3.5782`, and if you desaturate by 10%, it is `230.3050, -2.6154, -1.1445`.

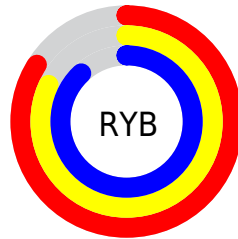
Distribution



Red (84%)

Green (82%)

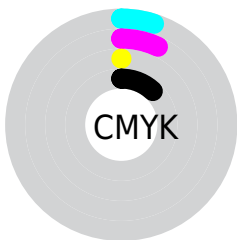
Blue (88%)



Red (84%)

Yellow (82%)

Blue (88%)

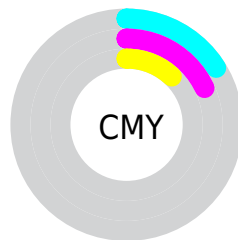


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3190, 6.2517, 1.4742 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 212.3190, 6.2517, 1.4742 by changing the saturation by 10% instead.

■ 212.3190, 6.2517,
1.4742

■ 212.3190, 6.2517,
1.4742

255.0000, 0.0000,
0.0000

■ 184.3190, 6.2517,
1.4742

■ 157.9060, 5.9623,
0.9594

■ 131.7920, 5.5255,
1.0594

■ 106.7920, 5.5255,
1.0594

■ 82.6780, 5.0887,
1.1594

■ 59.2650, 4.7994,
0.6446

■ 37.5640, 4.6519,

1.2594

■ 16.8630, 4.5045,
1.8741

■ 0.0000, 0.0000,
0.0000

■ 212.3190, 6.2517,
1.4742

■ 212.3190, 6.2517,
1.4742

■ 194.9200, 14.8294,
3.5782

■ 230.3050, -2.6154,
-1.1445

■ 176.6350, 23.8439,
5.5821

■ 248.0030,
-11.3405, -2.6336

■ 158.6490, 32.7110,
8.2008

■ 251.5800,
-13.1039, 2.9993

■ 140.9510, 41.4362,
9.6900

■ 123.5520, 50.0139,
11.7939

■ 105.2670, 59.0284,
13.7978

■ 87.2810, 67.8955,
16.4166

■ 69.5830, 76.6206,
17.9057

■ 51.5970, 85.4877,
20.5244

Harmonies

Analogous

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



211.3180, 7.7312, -6.4179



212.3190, 6.2517, 1.4742



213.1520, 2.8831, 8.6367

Triad

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



212.3190, 6.2517, 1.4742



211.8290, -7.3107, 11.5510



208.6670, 1.6432, -13.7400

Complementary

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



212.3190, 6.2517, 1.4742



221.6810, -6.2517, -1.4742

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.



208.9620, -2.4463, -8.7367



212.3190, 6.2517, 1.4742



211.2690, -8.0206, 5.9031

Square

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



212.3190, 6.2517, 1.4742



212.5350, -4.7008, 14.4398



210.2680, -6.5411, -1.9890



209.2800, 5.2850, -15.1546

Rectangle

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



212.3190, 6.2517, 1.4742



213.1910, 0.3988, 12.1105



210.2680, -6.5411, -1.9890



208.9230, 0.0380, -12.2105

Sweetspot

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



212.3190, 6.2517, 1.4742



250.8690, 2.0366, 0.1149



217.2810, 3.8055, -7.2624



125.6410, 1.1630, 0.3148



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.



212.3190, 6.2517, 1.4742



236.7150, 9.0145, 2.0039



214.7110, 5.0725, 6.3925



103.1510, 4.3626, 0.7446



36.5090, 68.7691, 16.2166



9.9570, 18.7552, 4.4227

Inverse Universe

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



215.0380, 2.4463, 8.7367



240.7010, 3.5984, 12.5402



219.2890, -5.0725, -6.3925



105.2010, 1.8729, 5.9627



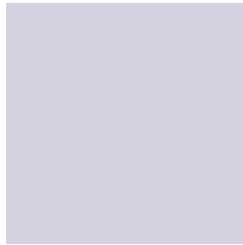
66.4180, 26.9089, 96.1034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 212.3190, 6.2517, 1.4742 looks on a white background.

Color Contrast Check

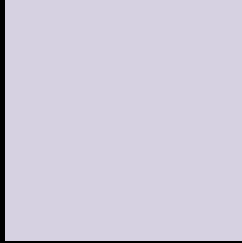
Large Text (above 18pt) WCAG AA × Fail

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 212.3190, 6.2517, 1.4742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

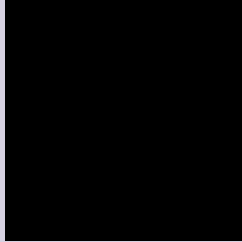
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.3190, 6.2517, 1.4742

Background



This preview shows how black text looks on a background with the YUV color 212.3190, 6.2517, 1.4742.



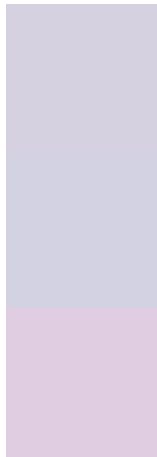
This preview shows how white text looks on a background with the YUV color 212.3190, 6.2517,

1.4742.

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

212.3190, 6.2517, 1.4742

Protanopia

212.1230, 6.8414, -0.9849

Deuteranopia

213.3740, 6.2246, 10.1960



Tritanopia

212.3190, 6.2517, 1.4742

Trichromacy



Original Color

212.3190, 6.2517, 1.4742

Protanomaly

212.4220, 6.6940, -0.3701

Deuteranomaly

212.7650, 6.5249, 7.2221

Tritanomaly

212.3190, 6.2517, 1.4742

Monochromacy



Original Color

212.3190, 6.2517, 1.4742

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.2820, 2.3260, 0.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3190, 6.2517, 1.4742 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, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 225)  
}
```

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, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 225) }
```

Border

The CSS property to change the border of an element to YUV 212.3190, 6.2517, 1.4742 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, 209, 225) }
```


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

```
.border{ border-color:rgb(214, 209, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 212.3190, 6.2517, 1.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 225) }
```

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

```
.background{ background-color: rgb(214,  
209, 225) }
```

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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