

Converting Colors

YUV(214.3740, 6.2246, 10.1960)

Have a look what the booklet for
YUV(214.3740, 6.2246, 10.1960)
contains.

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Color

**YUV(214.3740, 6.2246,
10.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CEE3
RGB	226, 206, 227
RGB Percent	89%, 81%, 89%
CMY	0.1137, 0.1922, 0.1098
CMYK	0.00, 0.09, 0.00, 0.11
HSL	297°, 27%, 85%
HSV	297°, 9%, 89%
XYZ	67.3005, 65.8574, 81.8377
YIQ	214.3740, 5.1790, 10.7710

Conversions

Conversions Part 2

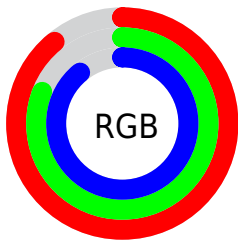
Format	Color
R _Y B	226, 206, 227
Decimal	14864099
CIE Lab	84.92, 10.64, -7.84
CIE LCh	85, 13.212, 323.623
Yxy	65.8574, 0.3130, 0.3063
Android (android.graphics.Color)	4293054179 (0xFFE2CEE3)
YUV	214.3740, 6.2246, 10.1960
Hunter-Lab	81.1526, 6.0144, -2.9837

Details

The YUV color $214.3740, 6.2246, 10.1960$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.6260, -6.2246, -10.1960$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.9610, 5.9352, 9.6812$ is the 20% darker color. If you saturate the color by 10%, you get $200.5740, 13.0280, 21.4216$, and if you desaturate by 10%, it is $228.1740, -0.5788, -1.0296$.

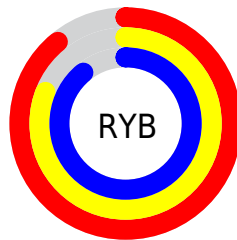
Distribution



Red (89%)

Green (81%)

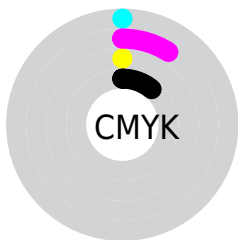
Blue (89%)



Red (89%)

Yellow (81%)

Blue (89%)

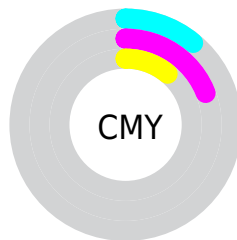


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.3740, 6.2246, 10.1960 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 214.3740, 6.2246, 10.1960 by changing the saturation by 10% instead.

■ 214.3740, 6.2246,
10.1960

■ 214.3740, 6.2246,
10.1960

255.0000, 0.0000,
0.0000

■ 186.3740, 6.2246,
10.1960

■ 159.9610, 5.9352,
9.6812

■ 133.5480, 5.6458,
9.1664

■ 108.1350, 5.3564,
8.6516

■ 84.1350, 5.3564,
8.6516

■ 60.7220, 5.0671,
8.1368

■ 39.0100, 4.9251,

7.0072

■ 17.1350, 5.3564,
8.6516

■ 0.0000, 0.0000,
0.0000

■ 214.3740, 6.2246,
10.1960

■ 214.3740, 6.2246,
10.1960

■ 200.5740, 13.0280,
21.4216

■ 228.1740, -0.5788,
-1.0296

■ 187.3610, 19.5420,
32.1324

■ 241.3870, -7.0928,
-11.7404

■ 173.5610, 26.3454,
43.3580

■ 244.0340, -8.3978,
-13.1848

■ 159.7610, 33.1488,
54.5836

■ 244.3330, -8.5452,
-12.5700

146.5480, 39.6628,
65.2944

244.6320, -8.6926,
-11.9553

132.7480, 46.4662,
76.5200

244.9310, -8.8400,
-11.3405

118.6490, 53.4170,
87.1308

245.5290, -9.1348,
-10.1109

104.8490, 60.2204,
98.3564

245.8280, -9.2822,
-9.4962

91.6360, 66.7345,
109.0672

246.1270, -9.4296,
-8.8814

Harmonies

Analogous

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



213.1490, 10.7725, -1.8847



214.3740, 6.2246, 10.1960



214.8220, 0.0878, 18.5731

Triad

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



214.3740, 6.2246, 10.1960



211.8630, -12.2575, 11.5211



207.9800, 6.9119, -23.6615

Complementary

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



214.3740, 6.2246, 10.1960



218.6260, -6.2246, -10.1960

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.



207.9930, 0.4965, -19.2879



214.3740, 6.2246, 10.1960



210.5520, -10.6251, 1.2699

Square

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



214.3740, 6.2246, 10.1960



213.0750, -10.3900, 19.2282



209.3270, -6.0772, -10.8108



208.8430, 11.4164, -21.7873

Rectangle

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



214.3740, 6.2246, 10.1960



214.8070, -3.8489, 21.2173



209.3270, -6.0772, -10.8108



207.9970, 4.4385, -23.6764

Sweetspot

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



214.3740, 6.2246, 10.1960



250.3040, 2.3151, 4.1184



208.9810, 8.8834, -2.6143



124.1790, 1.8838, 2.4740



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.



214.3740, 6.2246, 10.1960



238.2650, 8.2504, 13.7996



213.6470, 2.1460, 11.7106



107.6570, 3.6201, 5.5628



71.2360, 53.1277, 86.6160



20.4650, 15.0538, 25.0252

Inverse Universe

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



212.3930, -2.6587, 12.8103



235.4860, -3.6906, 17.1138



219.3530, -2.1460, -11.7106



106.7020, -1.3321, 7.2773



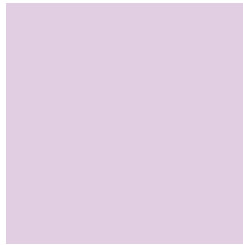
54.4330, -22.8915, 109.2453



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 214.3740, 6.2246, 10.1960 looks on a white background.

Color Contrast Check

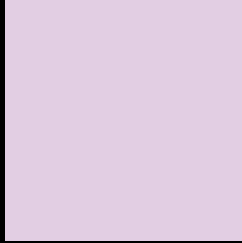
Large Text (above 18pt) WCAG AA × Fail

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 214.3740, 6.2246, 10.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

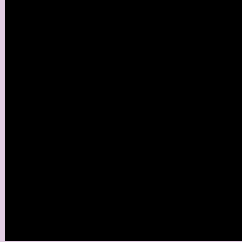
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.3740, 6.2246, 10.1960

Background



This preview shows how black text looks on a background with the YUV color 214.3740, 6.2246, 10.1960.



This preview shows how white text looks on a background with the YUV color 214.3740, 6.2246,

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

214.3740, 6.2246, 10.1960

Protanopia

213.1660, 8.2992, -1.8996

Deuteranopia

214.3740, 6.2246, 10.1960



Tritanopia

214.2060, 4.3354, 9.4663

Trichromacy



Original Color

214.3740, 6.2246, 10.1960

Protanomaly

213.3730, 7.7041, 2.3039

Deuteranomaly

214.3740, 6.2246, 10.1960

Tritanomaly

214.3200, 4.7722, 9.3664

Monochromacy



Original Color

214.3740, 6.2246, 10.1960

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.3740, 6.2246, 10.1960 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, 206, 227)` looks like.

```
.text, #text, p{  
    color:rgb(226, 206, 227)  
}
```

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, 206, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 206, 227) }
```

Border

The CSS property to change the border of an element to YUV 214.3740, 6.2246, 10.1960 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, 206, 227) }
```


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

```
.border{ border-color:rgb(226, 206, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 206, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 206, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 206, 227); box-shadow:4px 4px 4px 4px rgb(226, 206, 227) }
```

Background

The CSS property to change the background color of an element to YUV 214.3740, 6.2246, 10.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 206, 227) }
```

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

```
.background{ background-color: rgb(226,  
206, 227) }
```

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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