

Converting Colors

YUV(226.9090, -5.3781, -1.6742)

Have a look what the booklet for
YUV(226.9090, -5.3781, -1.6742)
contains.

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Color

**YUV(226.9090, -5.3781,
-1.6742)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E6D8
RGB	225, 230, 216
RGB Percent	88%, 90%, 85%
CMY	0.1176, 0.0980, 0.1529
CMYK	0.02, 0.00, 0.06, 0.10
HSL	81°, 22%, 87%
HSV	81°, 6%, 90%
XYZ	71.7428, 77.5590, 76.1549
YIQ	226.9090, 1.5140, -5.4140

Conversions

Conversions Part 2

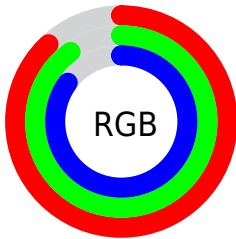
Format	Color
R_{YB}	216, 230, 221
Decimal	14804696
CIE Lab	90.58, -4.14, 6.22
CIE LCh	91, 7.475, 123.625
Yxy	77.5590, 0.3182, 0.3440
Android (android.graphics.Color)	4292994776 (0xFFE1E6D8)
YUV	226.9090, -5.3781, -1.6742
Hunter-Lab	88.0676, -8.7063, 10.3774

Details

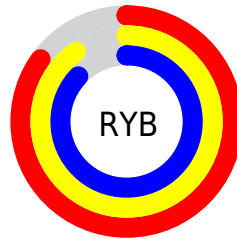
The YUV color $226.9090, -5.3781, -1.6742$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $219.0910, 5.3781, 1.6742$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.9090, -5.3781, -1.6742$ is the 20% darker color. If you saturate the color by 10%, you get $221.8950, -14.2452, -4.2929$, and if you desaturate by 10%, it is $231.9230, 3.4890, 0.9445$.

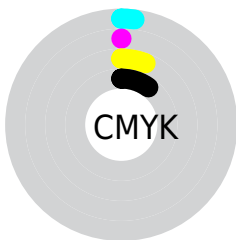
Distribution



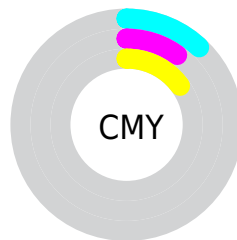
- Red (88%)
- Green (90%)
- Blue (85%)



- Red (85%)
- Yellow (90%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.9090, -5.3781, -1.6742 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 226.9090, -5.3781, -1.6742 by changing the saturation by 10% instead.

■ 226.9090, -5.3781,
-1.6742

■ 226.9090, -5.3781,
-1.6742

255.0000, 0.0000,
0.0000

■ 198.9090, -5.3781,
-1.6742

■ 171.9090, -5.3781,
-1.6742

■ 145.0230, -4.9413,
-1.7742

■ 119.4360, -4.6519,
-1.2594

■ 94.4360, -4.6519,
-1.2594

■ 71.1370, -4.5045,
-1.8741

■ 48.5500, -4.2151,

-1.3593

■ 27.6640, -3.7784,
-1.4593

■ 2.3480, -1.1576,
-2.0592

■ 226.9090, -5.3781,
-1.6742

■ 226.9090, -5.3781,
-1.6742

■ 221.8950,
-14.2452, -4.2929

■ 231.9230, 3.4890,
0.9445

■ 216.8810,
-23.1123, -6.9116

■ 236.1390, 9.2985,
4.2631

■ 211.5680,
-31.8320, -10.1451

■ 238.8300, 7.9718,
9.7961

■ 206.5540,
-40.6991, -12.7639

■ 240.3250, 7.2348,
12.8700

■ 201.5400,
-49.5662, -15.3826

■ 196.5260,
-58.4333, -18.0013

■ 191.2130,
-67.1530, -21.2348

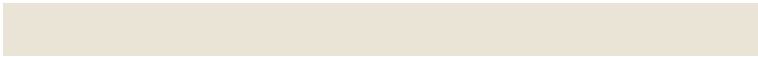
■ 186.1990,
-76.0201, -23.8535

■ 181.1850,
-84.8872, -26.4722

Harmonies

Analogous

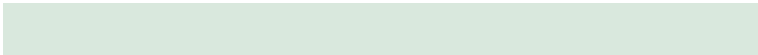
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.8990, -6.8522, 4.4736



226.9090, -5.3781, -1.6742



226.2610, -2.5937, -8.1219

Triad

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



226.9090, -5.3781, -1.6742



226.7690, 7.0159, -10.3214



229.4360, -1.2009, 11.8956

Complementary

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



226.9090, -5.3781, -1.6742



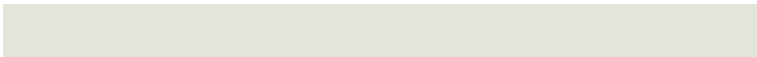
219.0910, 5.3781, 1.6742

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.



229.3260, 2.3043, 7.6071



226.9090, -5.3781, -1.6742



227.8020, 6.9996, -5.0884

Square

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



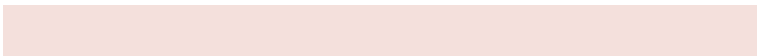
226.9090, -5.3781, -1.6742



226.1770, 4.8427, -13.3102



229.0910, 5.3781, 1.6742



229.5240, -4.6953, 12.6955

Rectangle

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



226.9090, -5.3781, -1.6742



225.6350, 0.1799, -11.0809



229.0910, 5.3781, 1.6742



229.4790, 0.2569, 10.9809

Sweetspot

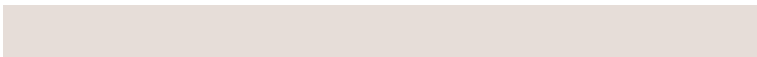
The Sweet Spot groups the original color and five complimentary colors.



226.9090, -5.3781, -1.6742



253.8320, -1.8892, -0.7297



223.1210, -3.5107, 6.0329



127.3590, -1.1630, -0.3148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

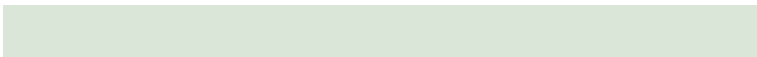
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.9090, -5.3781, -1.6742



251.1540, -6.9779, -1.8891



224.8160, -4.3463, -5.9776



112.7780, -3.3416, -1.5593



139.4580, -68.7528, -21.4497



39.8040, -19.6234, -5.9671

Inverse Universe

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



219.0910, 5.3781, 1.6742



241.1450, 6.8305, 2.5038



221.1840, 4.3463, 5.9776



107.9230, 3.4890, 0.9445



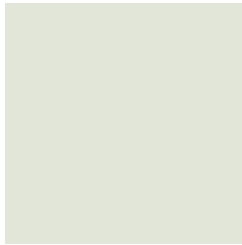
39.5420, 68.7528, 21.4497



11.1960, 19.6234, 5.9671

Previews

White Background



This preview shows how the YUV color 226.9090, -5.3781, -1.6742 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 226.9090, -5.3781, -1.6742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

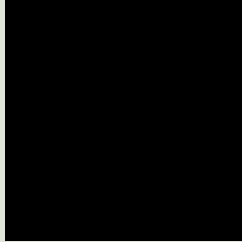
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

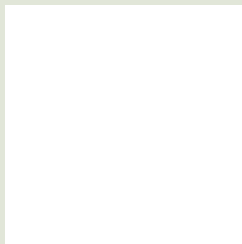
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.9090, -5.3781, -1.6742

Background



This preview shows how black text looks on a background with the YUV color 226.9090, -5.3781, -1.6742.



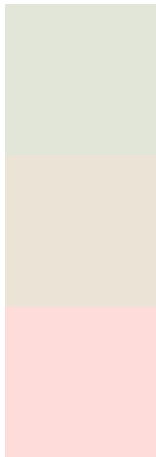
This preview shows how white text looks on a background with the YUV color 226.9090, -5.3781, -1.6742.

-1.6742.

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

226.9090, -5.3781, -1.6742

Protanopia

227.9100, -6.8576, 6.2179

Deuteranopia

229.9380, -5.8854, 21.1024



Tritanopia

228.9490, 7.4201, 0.0447

Trichromacy



Original Color

226.9090, -5.3781, -1.6742

Protanomaly

227.4150, -6.1206, 3.1440

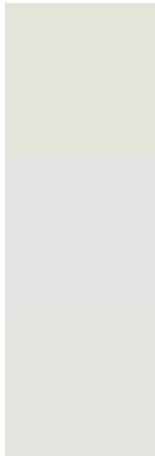
Deuteranomaly

228.8830, -5.8583, 12.3806

Tritanomaly

228.0970, 2.9102, -0.0851

Monochromacy



Original Color

226.9090, -5.3781, -1.6742

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.9090, -5.3781, -1.6742 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, 230, 216)` looks like.

```
.text, #text, p{  
    color:rgb(225, 230, 216)  
}
```

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, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 230, 216) }
```

Border

The CSS property to change the border of an element to YUV 226.9090, -5.3781, -1.6742 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, 230, 216) }
```


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

```
.border{ border-color:rgb(225, 230, 216) }
```

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

Here you see how a box with a 4 pixel rgb(225, 230, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(225, 230,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 226.9090, -5.3781, -1.6742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 230, 216) }
```

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

```
.background{ background-color: rgb(225,  
230, 216) }
```

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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