

Converting Colors

YUV(135.1980, -6.5066,
80.5104)

Have a look what the booklet for
YUV(135.1980, -6.5066, 80.5104)
contains.

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Color

**YUV(135.1980, -6.5066,
80.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	E35B7A
RGB	227, 91, 122
RGB Percent	89%, 36%, 48%
CMY	0.1098, 0.6431, 0.5216
CMYK	0.00, 0.60, 0.46, 0.11
HSL	346°, 71%, 62%
HSV	346°, 60%, 89%
XYZ	38.9325, 25.2182, 21.2280
YIQ	135.1980, 71.1050, 38.4730

Conversions

Conversions Part 2

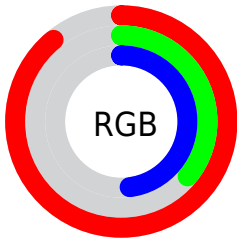
Format	Color
R_{YB}	227, 91, 122
Decimal	14900090
CIE _{Lab}	57.29, 55.44, 10.39
CIE _{LCh}	57, 56.402, 10.613
Yxy	25.2182, 0.4560, 0.2954
Android (android.graphics.Color)	4293090170 (0xFFE35B7A)
YUV	135.1980, -6.5066, 80.5104
Hunter-Lab	50.2177, 50.5053, 10.0894

Details

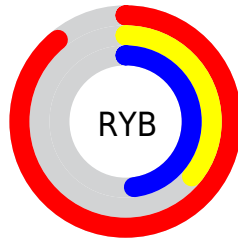
The YUV color **135.1980, -6.5066, 80.5104** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **182.8020, 6.5066, -80.5104**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7830, -3.8370, 64.2113**, and **77.1530, -1.5544, 78.7958** is the 20% darker color. If you saturate the color by 10%, you get **119.6450, -7.7130, 94.1503**, and if you desaturate by 10%, it is **150.7510, -5.3002, 66.8704**.

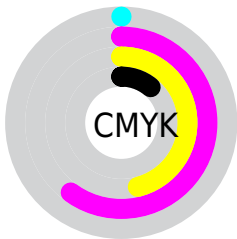
Distribution



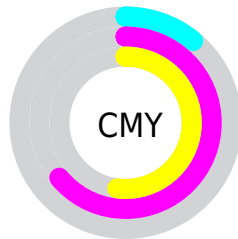
- Red (89%)
- Green (36%)
- Blue (48%)



- Red (89%)
- Yellow (36%)
- Blue (48%)



- Cyan (0%)
- Magenta (60%)
- Yellow (46%)
- Black (11%)





- Cyan (11%)
- Magenta (64%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.1980, -6.5066, 80.5104 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 135.1980, -6.5066, 80.5104 by changing the saturation by 10% instead.


 135.1980, -6.5066,
80.5104


 135.1980, -6.5066,
80.5104

255.0000, 0.0000,
0.0000


 106.9420, -4.9014,
78.9809


 181.7830, -3.8370,
64.2113


 77.1530, -1.5544,
78.7958

 201.9980, 0.0010,
46.4828


 46.7770, 2.0819,
79.1256

 221.6260, 4.1284,
29.2690

 35.8260, -2.3792,
63.2966

 241.4990, 6.6560,
11.8404

 24.4900, -9.6086,
48.6823

 16.0750, -6.9390,
32.3832

 0.5980, -0.2948,

1.2296

■ 0.0000, 0.0000,
0.0000

■ 135.1980, -6.5066,
80.5104

■ 135.1980, -6.5066,
80.5104

■ 119.6450, -7.7130,
94.1503

■ 150.7510, -5.3002,
66.8704

■ 104.7930, -8.7719,
107.1755

■ 165.6030, -4.2413,
53.8452

■ 89.2400, -9.9783,
120.8155

■ 181.1560, -3.0349,
40.2052

■ 73.8010, -10.7479,
134.3555

■ 196.5950, -2.2653,
26.6652

■ 212.1480, -1.0590,
13.0252

■ 227.0000, 0.0000,
0.0000

■ 242.5530, 1.2064,
-13.6400

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



139.2230, 15.6661, 62.0714



135.1980, -6.5066, 80.5104



134.8940, -29.0347, 72.8840

Triad

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



135.1980, -6.5066, 80.5104



123.6430, -32.3620, -26.8739



115.4440, 56.4761, -101.2444

Complementary

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



135.1980, -6.5066, 80.5104



182.8020, 6.5066, -80.5104

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.



116.2470, 41.7832, -101.9486



135.1980, -6.5066, 80.5104



105.0750, -1.0230, -92.1508

Square

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



135.1980, -6.5066, 80.5104



130.0260, -49.8058, 14.8862



112.0630, 20.6749, -98.2793



128.1390, 52.6825, -50.9879

Rectangle

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



135.1980, -6.5066, 80.5104



134.1790, -41.5002, 57.7250



112.0630, 20.6749, -98.2793



116.4070, 52.5503, -102.0889

Sweetspot

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



135.1980, -6.5066, 80.5104



224.0080, -1.9759, 27.1800



137.6000, 44.0742, 50.3398



108.4690, -1.2172, 17.1287



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.



135.1980, -6.5066, 80.5104



130.8040, -8.7774, 108.9199



152.7960, -30.4654, 65.0769



106.9300, -0.4585, 7.0774



58.1950, -8.4771, 105.9460



16.6170, -2.2762, 30.1539

Inverse Universe

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



135.1980, -6.5066, 80.5104



130.8040, -8.7774, 108.9199



165.2040, 30.4654, -65.0769



106.9300, -0.4585, 7.0774



58.1950, -8.4771, 105.9460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 135.1980, -6.5066, 80.5104 looks on a white background.

Color Contrast Check

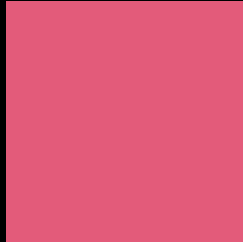
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.1980, -6.5066, 80.5104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

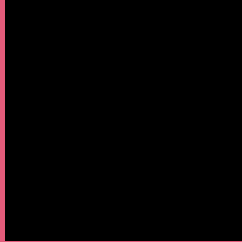
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.1980, -6.5066, 80.5104

Background



This preview shows how black text looks on a background with the YUV color 135.1980, -6.5066, 80.5104.

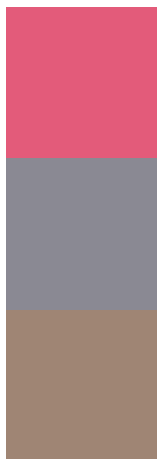


This preview shows how white text looks on a background with the YUV color 135.1980, -6.5066,

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

135.1980, -6.5066, 80.5104

Protanopia

138.4390, 4.2206, -0.3850

Deuteranopia

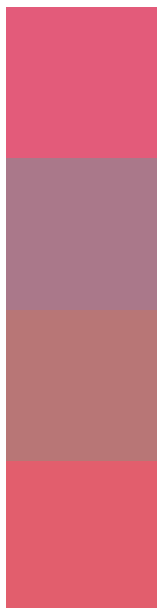
138.8360, -11.2581, 17.6838



Tritanopia

134.8530, -16.6895, 79.9359

Trichromacy



Original Color

135.1980, -6.5066, 80.5104

Protanomaly

137.0020, 0.4920, 28.9392

Deuteranomaly

137.7340, -9.7289, 40.5753

Tritanomaly

135.1780, -12.9058, 79.6509

Monochromacy



Original Color

135.1980, -6.5066, 80.5104

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9050, -2.4182, 29.0243

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.1980, -6.5066, 80.5104 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(227, 91, 122)` looks like.

```
.text, #text, p{  
    color:rgb(227, 91, 122)  
}
```

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(227, 91, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 91, 122) }
```

Border

The CSS property to change the border of an element to YUV 135.1980, -6.5066, 80.5104 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(227, 91, 122) }
```


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

```
.border{ border-color:rgb(227, 91, 122) }
```

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

Here you see how a box with a 4 pixel rgb(227, 91, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 91, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 91, 122);  
box-shadow:4px 4px 4px 4px rgb(227, 91,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 135.1980, -6.5066, 80.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 91, 122) }
```

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

```
.background{ background-color: rgb(227, 91,  
122) }
```

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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