

Converting Colors

YUV(134.7650, 36.5979,
-25.2269)

Have a look what the booklet for
YUV(134.7650, 36.5979, -25.2269)
contains.

YUV(134.7650, 36.5979, -25.2269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(134.7650, 36.5979,
-25.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	6A87D1
RGB	106, 135, 209
RGB Percent	42%, 53%, 82%
CMY	0.5843, 0.4706, 0.1804
CMYK	0.49, 0.35, 0.00, 0.18
HSL	223°, 53%, 62%
HSV	223°, 49%, 82%
XYZ	26.1165, 24.9956, 63.7697
YIQ	134.7650, -41.0380, 16.8660

Conversions

Conversions Part 2

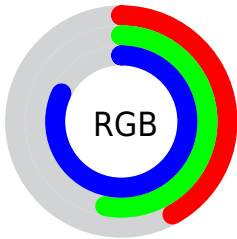
Format	Color
RYB	106, 129, 209
Decimal	6981585
CIELab	57.07, 10.10, -41.35
CIELCh	57, 42.563, 283.723
Yxy	24.9956, 0.2273, 0.2176
Android (android.graphics.Color)	4285171665 (0xFF6A87D1)
YUV	134.7650, 36.5979, -25.2269
Hunter-Lab	49.9956, 5.7518, -40.6280

Details

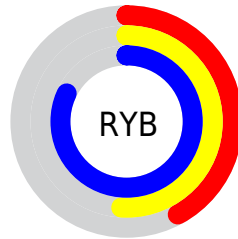
The YUV color **134.7650, 36.5979, -25.2269** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **180.2350, -36.5979, 25.2269**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8640, 33.0980, -22.6827**, and **82.3900, 35.3037, -30.1600** is the 20% darker color. If you saturate the color by 10%, you get **119.6810, 44.0343, -30.4152**, and if you desaturate by 10%, it is **149.8490, 29.1614, -20.0386**.

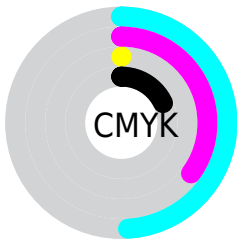
Distribution



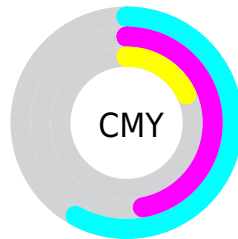
- Red (42%)
- Green (53%)
- Blue (82%)



- Red (42%)
- Yellow (51%)
- Blue (82%)



- Cyan (49%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.7650, 36.5979, -25.2269 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 134.7650, 36.5979, -25.2269 by changing the saturation by 10% instead.

■ 134.7650, 36.5979,
-25.2269

■ 134.7650, 36.5979,
-25.2269

■ 255.0000, 0.0000,
0.0000

■ 108.5260, 35.7297,
-26.7713

■ 187.8640, 33.0980,
-22.6827

■ 82.3900, 35.3037,
-30.1600

■ 212.9710, 20.7203,
-19.2686

■ 52.7690, 37.0889,
-42.7704

■ 238.0780, 8.3425,
-15.8544

■ 35.6950, 32.6884,
-31.3045

■ 253.2060, 0.8844,
-3.6887

■ 21.8060, 27.7036,
-19.1239

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 134.7650, 36.5979,
-25.2269

■ 134.7650, 36.5979,
-25.2269

■ 119.6810, 44.0343,
-30.4152

■ 149.8490, 29.1614,
-20.0386

■ 104.5970, 51.4707,
-35.6036

■ 164.9330, 21.7250,
-14.8502

■ 89.5130, 58.9071,
-40.7919

■ 180.0170, 14.2886,
-9.6619

■ 74.4290, 66.3435,
-45.9802

■ 195.1010, 6.8522,
-4.4736

■ 59.6440, 73.6325,
-50.5538

■ 210.1850, -0.5842,
0.7148

■ 58.4590, 74.2167,
-51.2685

■ 224.9700, -7.8732,
5.2883

■ 240.0540,
-15.3096, 10.4766

■ 249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



110.0010, 48.3135, -96.4709



134.7650, 36.5979, -25.2269



141.2390, 24.5322, 18.2074

Triad

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



134.7650, 36.5979, -25.2269



136.3370, -24.3231, 54.9555



116.3540, -0.6675, -66.0855

Complementary

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



134.7650, 36.5979, -25.2269



180.2350, -36.5979, 25.2269

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.



126.8960, -22.6267, -22.7108



134.7650, 36.5979, -25.2269



135.1700, -34.5938, 35.8079

Square

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



134.7650, 36.5979, -25.2269



137.9090, -8.3361, 60.5928



132.0050, -34.5125, 9.6426



109.0140, 21.6851, -95.6053

Rectangle

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



134.7650, 36.5979, -25.2269



141.1510, 14.7156, 40.2096



132.0050, -34.5125, 9.6426



121.2870, -9.0155, -48.4867

Sweetspot

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



134.7650, 36.5979, -25.2269



227.7890, 13.4150, -9.4620



174.8970, 2.5158, -60.4227



111.1440, 8.3100, -5.3883



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.



134.7650, 36.5979, -25.2269



146.7540, 53.3653, -36.6183



124.3200, 41.7472, 3.2274



97.0150, 3.9366, -2.6442



46.7410, 59.7807, -40.9919



11.1310, 14.7254, -9.7619

Inverse Universe

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



140.1030, -2.5158, 60.4227



154.6380, -3.7655, 88.0175



190.6800, -41.7472, -3.2274



97.6310, -0.3111, 6.4626



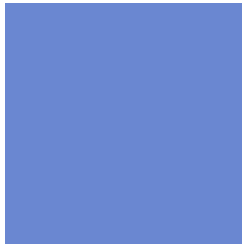
55.5900, -4.2349, 98.5836



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 134.7650, 36.5979, -25.2269 looks on a white background.

Color Contrast Check

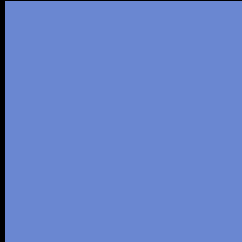
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.7650, 36.5979, -25.2269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

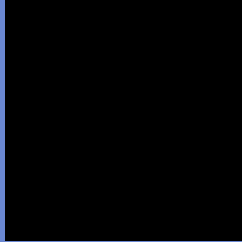
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.7650, 36.5979, -25.2269

Background



This preview shows how black text looks on a background with the YUV color 134.7650, 36.5979, -25.2269.



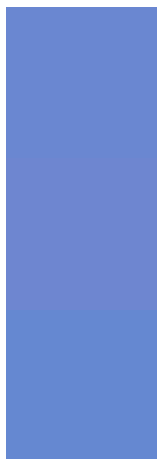
This preview shows how white text looks on a background with the YUV color 134.7650, 36.5979, -25.2269.

-25.2269.

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

134.7650, 36.5979, -25.2269

Protanopia

135.2600, 35.8608, -22.1530

Deuteranopia

133.8570, 37.0455, -28.8156



Tritanopia

130.5100, 13.0596, -35.5273

Trichromacy



Original Color

134.7650, 36.5979, -25.2269

Protanomaly

134.9610, 36.0082, -22.7678

Deuteranomaly

134.4550, 36.7507, -27.5860

Tritanomaly

132.1220, 21.6319, -31.6790

Monochromacy



Original Color

134.7650, 36.5979, -25.2269

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.7890, 13.4150, -9.4620

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.7650, 36.5979, -25.2269 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(106, 135, 209)` looks like.

```
.text, #text, p{  
    color:rgb(106, 135, 209)  
}
```

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(106, 135, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 135, 209) }
```

Border

The CSS property to change the border of an element to YUV 134.7650, 36.5979, -25.2269 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(106, 135, 209) }
```


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

```
.border{ border-color:rgb(106, 135, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 135, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 135, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 135, 209);  
box-shadow:4px 4px 4px 4px rgb(106, 135,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 134.7650, 36.5979, -25.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 135, 209) }
```

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

```
.background{ background-color: rgb(106,  
135, 209) }
```

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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