

Converting Colors

YUV(98.6040, 67.7362,
-25.9627)

Have a look what the booklet for
YUV(98.6040, 67.7362, -25.9627)
contains.

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Color

**YUV(98.6040, 67.7362,
-25.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	4557EC
RGB	69, 87, 236
RGB Percent	27%, 34%, 93%
CMY	0.7294, 0.6588, 0.0745
CMYK	0.71, 0.63, 0.00, 0.07
HSL	234°, 81%, 60%
HSV	234°, 71%, 93%
XYZ	21.0028, 14.1377, 80.9788
YIQ	98.6040, -58.5570, 42.5230

Conversions

Conversions Part 2

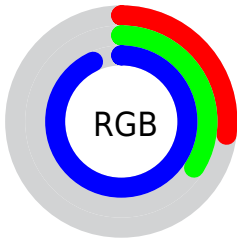
Format	Color
R _Y B	69, 85, 236
Decimal	4544492
CIE Lab	44.43, 41.81, -77.01
CIE LCh	44, 87.632, 298.498
Yxy	14.1377, 0.1809, 0.1218
Android (android.graphics.Color)	4282734572 (0xFF4557EC)
YUV	98.6040, 67.7362, -25.9627
Hunter-Lab	37.6002, 33.9065, -101.3716

Details

The YUV color **98.6040, 67.7362, -25.9627** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **206.3960, -67.7362, 25.9627**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4520, 51.5422, -11.7974**, and **45.0600, 66.0324, -39.5176** is the 20% darker color. If you saturate the color by 10%, you get **79.1010, 77.3512, -29.9066**, and if you desaturate by 10%, it is **118.1070, 58.1212, -22.0188**.

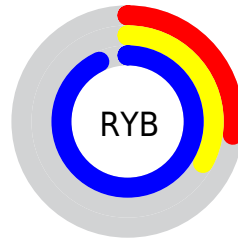
Distribution



Red (27%)

Green (34%)

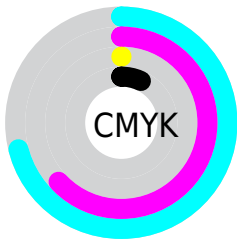
Blue (93%)



Red (27%)

Yellow (33%)

Blue (93%)

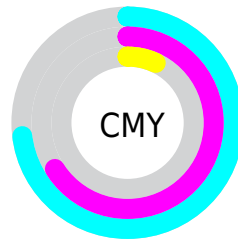


Cyan (71%)

Magenta (63%)

Yellow (0%)

Black (7%)



Cyan (73%)

Magenta (66%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.6040, 67.7362, -25.9627 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 98.6040, 67.7362, -25.9627 by changing the saturation by 10% instead.

■ 98.6040, 67.7362,
-25.9627

■ 98.6040, 67.7362,
-25.9627

■ 255.0000, 0.0000,
0.0000

■ 64.7540, 70.1273,
-46.2653

■ 150.4520, 51.5422,
-11.7974

■ 45.0600, 66.0324,
-39.5176

■ 175.2820, 39.3010,
-5.5093

■ 30.1280, 59.5899,
-26.4223

■ 200.4000, 26.9178,
-0.3508

■ 16.0110, 53.7316,
-14.0416

■ 226.1050, 14.2452,
4.2929

■ 12.4600, 42.6642,
-10.9274

■ 250.3040, 2.3151,
4.1184

■ 13.7190, 29.7185,
-12.0316

■ 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 98.6040, 67.7362,
-25.9627

■ 98.6040, 67.7362,
-25.9627

■ 79.1010, 77.3512,
-29.9066

■ 118.1070, 58.1212,
-22.0188

■ 59.8970, 86.8188,
-33.2357

■ 137.3110, 48.6537,
-18.6897

■ 41.5790, 95.8496,
-36.4648

■ 156.8140, 39.0387,
-14.7459

■ 176.0180, 29.5711,
-11.4168

■ 195.5210, 19.9561,
-7.4729

■ 215.0240, 10.3412,
-3.5290

■ 234.2280, 0.8736,
-0.2000

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



97.6350, 77.0879, -85.6259



98.6040, 67.7362, -25.9627



87.6180, 47.0233, 84.5270

Triad

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



98.6040, 67.7362, -25.9627



93.7690, -46.2281, 80.8866



89.3570, 4.7540, -78.3661

Complementary

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



98.6040, 67.7362, -25.9627



206.3960, -67.7362, 25.9627

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.



76.6350, -33.8371, -67.2089



98.6040, 67.7362, -25.9627



99.3420, -48.9756, 28.6411

Square

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



98.6040, 67.7362, -25.9627



70.4540, -14.5208, 131.1518



87.4830, -43.1291, -26.7336



98.4940, 37.2245, -86.3792

Rectangle

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



98.6040, 67.7362, -25.9627



80.0880, 27.5646, 119.1948



87.4830, -43.1291, -26.7336



85.8060, -6.3134, -75.2519

Sweetspot

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



98.6040, 67.7362, -25.9627



210.6780, 21.8507, -8.4876



183.9010, 16.3178, -100.7682



101.4090, 13.1094, -4.7437



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.



98.6040, 67.7362, -25.9627



76.8260, 87.8398, -34.0504



107.1740, 63.5112, 22.6494



107.8410, 4.5154, -1.6146



32.3740, 73.2726, -28.3920



9.6780, 21.8507, -8.4876

Inverse Universe

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



120.9850, -16.7546, 100.8682



105.6190, -21.5042, 131.0071



197.8260, -63.5112, -22.6494



109.4030, -1.1847, 6.6626



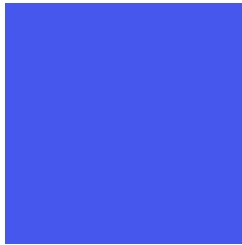
56.3990, -17.9447, 109.2751



16.8300, -5.3392, 32.5981

Previews

White Background



This preview shows how the YUV color 98.6040, 67.7362, -25.9627 looks on a white background.

Color Contrast Check

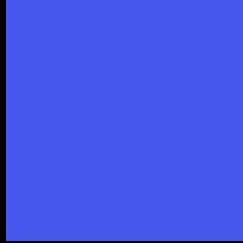
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 98.6040, 67.7362, -25.9627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

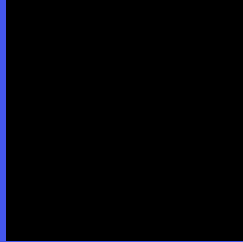
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.6040, 67.7362, -25.9627

Background



This preview shows how black text looks on a background with the YUV color 98.6040, 67.7362, -25.9627.



This preview shows how white text looks on a background with the YUV color 98.6040, 67.7362, -25.9627.

-25.9627.

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

98.6040, 67.7362, -25.9627

Protanopia

83.5690, 63.8095, -73.2900

Deuteranopia

83.6710, 48.9692, -73.3795



Tritanopia

82.2280, 20.5936, -72.1140

Trichromacy



Original Color

98.6040, 67.7362, -25.9627

Protanomaly

89.0210, 65.0656, -56.1464

Deuteranomaly

89.2030, 55.6089, -56.3060

Tritanomaly

87.9200, 38.0004, -55.1808

Monochromacy



Original Color

98.6040, 67.7362, -25.9627

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0630, 24.6189, -9.7023

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6040, 67.7362, -25.9627 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(69, 87, 236)` looks like.

```
.text, #text, p{  
    color:rgb(69, 87, 236)  
}
```

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(69, 87, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 87, 236) }
```

Border

The CSS property to change the border of an element to YUV 98.6040, 67.7362, -25.9627 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(69, 87, 236) }
```


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

```
.border{ border-color:rgb(69, 87, 236) }
```

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

Here you see how a box with a 4 pixel rgb(69, 87, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 87, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 87, 236);  
box-shadow:4px 4px 4px 4px rgb(69, 87,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 98.6040, 67.7362, -25.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 87, 236) }
```

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

```
.background{ background-color: rgb(69, 87,  
236) }
```

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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