

Converting Colors

YUV(107.0640, 36.4504,
-24.6121)

Have a look what the booklet for
YUV(107.0640, 36.4504, -24.6121)
contains.

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Color

**YUV(107.0640, 36.4504,
-24.6121)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6BB5
RGB	79, 107, 181
RGB Percent	31%, 42%, 71%
CMY	0.6902, 0.5804, 0.2902
CMYK	0.56, 0.41, 0.00, 0.29
HSL	224°, 41%, 51%
HSV	224°, 56%, 71%
XYZ	16.8226, 15.5139, 45.8239
YIQ	107.0640, -40.4420, 17.0780

Conversions

Conversions Part 2

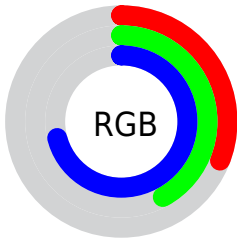
Format	Color
R _Y B	79, 101, 181
Decimal	5204917
CIE Lab	46.33, 12.07, -42.41
CIE LCh	46, 44.096, 285.880
Yxy	15.5139, 0.2152, 0.1985
Android (android.graphics.Color)	4283394997 (0xFF4F6BB5)
YUV	107.0640, 36.4504, -24.6121
Hunter-Lab	39.3876, 7.3098, -41.4071

Details

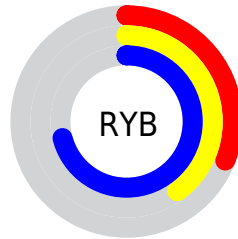
The YUV color **107.0640, 36.4504, -24.6121** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **152.9360, -36.4504, 24.6121**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1290, 37.8974, -22.0381**, and **52.2040, 37.3674, -38.7669** is the 20% darker color. If you saturate the color by 10%, you get **94.0510, 42.8659, -28.9857**, and if you desaturate by 10%, it is **120.0770, 30.0350, -20.2385**.

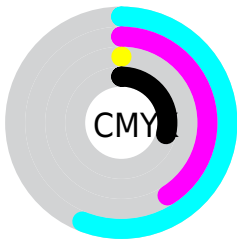
Distribution



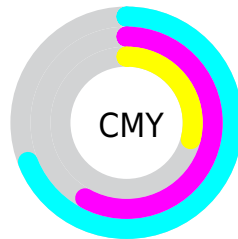
- Red (31%)
- Green (42%)
- Blue (71%)



- Red (31%)
- Yellow (40%)
- Blue (71%)



- Cyan (56%)
- Magenta (41%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0640, 36.4504, -24.6121 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 107.0640, 36.4504, -24.6121 by changing the saturation by 10% instead.

■ 107.0640, 36.4504,
-24.6121

■ 107.0640, 36.4504,
-24.6121

■ 255.0000, 0.0000,
0.0000

■ 80.9280, 36.0245,
-28.0009

■ 160.1290, 37.8974,
-22.0381

■ 52.2040, 37.3674,
-38.7669

■ 186.4020, 33.8188,
-20.5236

■ 34.5210, 33.2671,
-30.2749

■ 210.9220, 21.7305,
-16.5946

■ 20.6320, 28.2824,
-18.0943

■ 236.6160, 9.0633,
-13.6952

■ 9.0910, 22.1401,
-7.9728

■ 253.5050, 0.7370,
-3.0739

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 107.0640, 36.4504,
-24.6121

■ 107.0640, 36.4504,
-24.6121

■ 94.0510, 42.8659,
-28.9857

■ 120.0770, 30.0350,
-20.2385

■ 81.0380, 49.2813,
-33.3593

■ 133.0900, 23.6196,
-15.8649

■ 68.0250, 55.6967,
-37.7329

■ 146.1030, 17.2042,
-11.4913

■ 54.4250, 62.4015,
-41.5917

■ 159.7030, 10.4994,
-7.6325

■ 49.9840, 64.5909,
-43.8360

■ 173.0150, 3.9366,
-2.6442

■ 186.0280, -2.4788,
1.7294

■ 199.0410, -8.8942,
6.1030

■ 212.0540,
-15.3096, 10.4766

■ 225.0670,
-21.7250, 14.8502

Harmonies

Analogous

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



90.4870, 44.6229, -79.3571



107.0640, 36.4504, -24.6121



113.4350, 23.9425, 20.6665

Triad

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



107.0640, 36.4504, -24.6121



107.9130, -24.6071, 52.6963



84.8090, 2.5592, -74.3775

Complementary

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



107.0640, 36.4504, -24.6121



152.9360, -36.4504, 24.6121

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.



98.6290, -21.0161, -25.9846



107.0640, 36.4504, -24.6121



106.9200, -35.4566, 32.5192

Square

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



107.0640, 36.4504, -24.6121



108.9090, -8.3361, 60.5928



103.8690, -34.9384, 6.2539



89.8420, 19.3049, -78.7914

Rectangle

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



107.0640, 36.4504, -24.6121



112.0480, 14.2733, 42.0539



103.8690, -34.9384, 6.2539



88.5350, -5.1938, -60.9822

Sweetspot

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



107.0640, 36.4504, -24.6121



206.0170, 14.2886, -9.6619



147.1960, 2.3684, -59.8079



100.1440, 8.3100, -5.3883



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



107.0640, 36.4504, -24.6121



119.0680, 57.1545, -38.6476



97.2060, 41.3104, 3.3273



82.7870, 3.0630, -2.4442



42.0960, 54.6757, -36.9182



7.0730, 9.3310, -6.2030

Inverse Universe

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



112.6900, -2.8052, 59.9079



127.8560, -4.3660, 93.9653



162.7940, -41.3104, -3.3273



83.0330, -0.0163, 5.2331



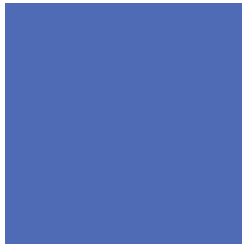
50.5350, -4.2078, 89.8618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 107.0640, 36.4504, -24.6121 looks on a white background.

Color Contrast Check

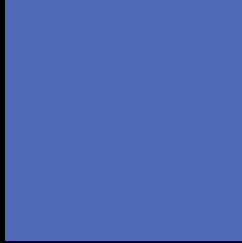
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0640, 36.4504, -24.6121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

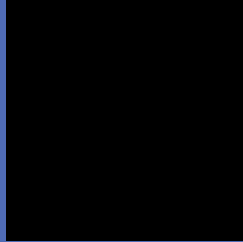
Any Text WCAG AA × Fail

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 107.0640, 36.4504, -24.6121 Background



This preview shows how black text looks on a background with the YUV color 107.0640, 36.4504, -24.6121.



This preview shows how white text looks on a background with the YUV color 107.0640, 36.4504, -24.6121.

-24.6121.

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

107.0640, 36.4504, -24.6121

Protanopia

107.0640, 36.4504, -24.6121

Deuteranopia

104.2260, 37.3566, -35.2782



Tritanopia

101.2000, 13.2124, -37.8864

Trichromacy



Original Color

107.0640, 36.4504, -24.6121

Protanomaly

107.0640, 36.4504, -24.6121

Deuteranomaly

105.1340, 36.9089, -31.6895

Tritanomaly

103.4100, 21.4899, -32.8086

Monochromacy



Original Color

107.0640, 36.4504, -24.6121

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0880, 13.2676, -8.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0640, 36.4504, -24.6121 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(79, 107, 181)` looks like.

```
.text, #text, p{  
    color:rgb(79, 107, 181)  
}
```

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(79, 107, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 107, 181) }
```

Border

The CSS property to change the border of an element to YUV 107.0640, 36.4504, -24.6121 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(79, 107, 181) }
```


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

```
.border{ border-color:rgb(79, 107, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 107, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 107, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 107, 181);  
box-shadow:4px 4px 4px 4px rgb(79, 107,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 107.0640, 36.4504, -24.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 107, 181) }
```

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

```
.background{ background-color: rgb(79, 107,  
181) }
```

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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