

Converting Colors

YUV(75.1640, 14.7091, -4.5288)

Have a look what the booklet for
YUV(75.1640, 14.7091, -4.5288)
contains.

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Color

**YUV(75.1640, 14.7091,
-4.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	464869
RGB	70, 72, 105
RGB Percent	27%, 28%, 41%
CMY	0.7255, 0.7176, 0.5882
CMYK	0.33, 0.31, 0.00, 0.59
HSL	237°, 20%, 34%
HSV	237°, 33%, 41%
XYZ	7.3930, 6.9567, 14.3177
YIQ	75.1640, -11.7850, 9.8390

Conversions

Conversions Part 2

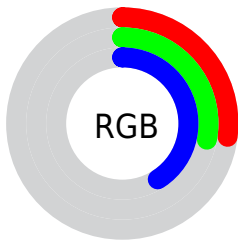
Format	Color
R_{YB}	70, 72, 105
Decimal	4606057
CIE Lab	31.71, 7.79, -19.45
CIE LCh	32, 20.952, 291.842
Yxy	6.9567, 0.2579, 0.2427
Android (android.graphics.Color)	4282796137 (0xFF464869)
YUV	75.1640, 14.7091, -4.5288
Hunter-Lab	26.3756, 3.8753, -13.7220

Details

The YUV color **75.1640, 14.7091, -4.5288** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **99.8360, -14.7091, 4.5288**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.8050, 15.8721, -4.2140**, and **30.8110, 13.4042, -5.9732** is the 20% darker color. If you saturate the color by 10%, you get **66.0050, 19.2245, -6.1434**, and if you desaturate by 10%, it is **84.3230, 10.1938, -2.9143**.

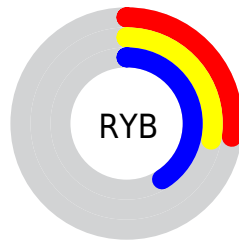
Distribution



Red (27%)

Green (28%)

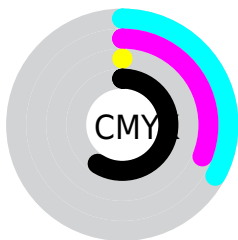
Blue (41%)



Red (27%)

Yellow (28%)

Blue (41%)

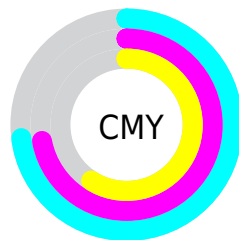


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (59%)



Cyan (73%)

Magenta (72%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.1640, 14.7091, -4.5288 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 75.1640, 14.7091, -4.5288 by changing the saturation by 10% instead.

■ 75.1640, 14.7091,
-4.5288

■ 75.1640, 14.7091,
-4.5288

■ 255.0000, 0.0000,
0.0000

■ 52.6370, 13.9830,
-4.9436

■ 123.8050, 15.8721,
-4.2140

■ 30.8110, 13.4042,
-5.9732

■ 149.9190, 16.3089,
-4.3140

■ 5.8760, 14.8511,
-3.3993

■ 177.0330, 16.7457,
-4.4139

■ 1.3680, 5.2416,
-1.1997

■ 204.4460, 17.0351,
-3.8991

■ 0.0000, 0.0000,
0.0000

■ 231.0780, 11.7935,
-2.6994

■ 75.1640, 14.7091,
-4.5288

■ 75.1640, 14.7091,
-4.5288

■ 66.0050, 19.2245,
-6.1434

■ 84.3230, 10.1938,
-2.9143

■ 57.1450, 23.5925,
-7.1432

■ 93.1830, 5.8258,
-1.9145

■ 48.2850, 27.9605,
-8.1429

■ 102.3420, 1.3104,
-0.2999

■ 39.1260, 32.4759,
-9.7575

■ 111.2020, -3.0576,
0.6998

■ 30.2660, 36.8439,
-10.7573

■ 120.3610, -7.5730,
2.3144

■ 21.6940, 41.0699,
-12.8866

■ 128.6340,
-11.6516, 3.8290

■ 15.4920, 44.1274,
-13.5865

■ 137.7930,
-16.1669, 5.4435

■ 146.6530,

-20.5349, 6.4433

■ 155.8120,
-25.0503, 8.0579

Harmonies

Analogous

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



70.8410, 17.8264, -24.4166



75.1640, 14.7091, -4.5288



76.7810, 8.9820, 12.4701

Triad

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



75.1640, 14.7091, -4.5288



74.5270, -12.5848, 23.2168



66.4540, 1.2552, -29.3392

Complementary

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



75.1640, 14.7091, -4.5288



99.8360, -14.7091, 4.5288

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.



69.8490, -7.8136, -13.8996



75.1640, 14.7091, -4.5288



73.6630, -15.6099, 13.4505

Square

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



75.1640, 14.7091, -4.5288



75.5690, -6.1965, 27.5650



72.0420, -13.8247, 0.8402



60.9170, 12.3659, -46.4082

Rectangle

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



75.1640, 14.7091, -4.5288



76.5710, 4.1555, 20.5472



72.0420, -13.8247, 0.8402



67.9770, -1.9607, -24.5358

Sweetspot

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



75.1640, 14.7091, -4.5288



126.1830, 5.8258, -1.9145



94.3070, 4.2856, -21.3172



61.9120, 3.4944, -0.7998



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



75.1640, 14.7091, -4.5288



91.0310, 23.1557, -7.0432



78.4750, 13.0768, 5.7224



49.2710, 2.3314, -1.1147



17.4470, 49.0796, -15.3010



36.1480, 102.9640, -31.7018

Inverse Universe

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



80.6930, -4.2856, 21.3172



99.7870, -6.7970, 33.5128



96.5250, -13.0768, -5.7224



49.9080, -0.4476, 3.5887



35.7810, -14.1890, 71.2291



74.8510, -29.9995, 149.2207

Previews

White Background



This preview shows how the YUV color 75.1640, 14.7091, -4.5288 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 ✓ Pass

Black Background



This preview shows how the YUV color 75.1640, 14.7091, -4.5288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

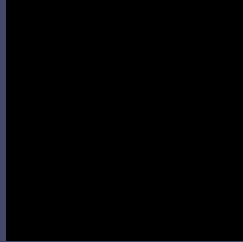
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.1640, 14.7091, -4.5288

Background



This preview shows how black text looks on a background with the YUV color 75.1640, 14.7091, -4.5288.



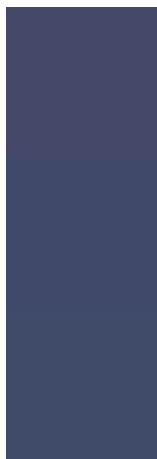
This preview shows how white text looks on a background with the YUV color 75.1640, 14.7091,

-4.5288.

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

75.1640, 14.7091, -4.5288

Protanopia

74.0710, 15.7410, -8.8323

Deuteranopia

74.5440, 15.0148, -9.2471



Tritanopia

73.3950, 4.2423, -7.3624

Trichromacy



Original Color

75.1640, 14.7091, -4.5288

Protanomaly

74.6690, 15.4462, -7.6027

Deuteranomaly

74.5550, 15.0094, -7.5027

Tritanomaly

74.3180, 7.7312, -6.4179

Monochromacy



Original Color

75.1640, 14.7091, -4.5288

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1640, 14.7091, -4.5288 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(70, 72, 105)` looks like.

```
.text, #text, p{  
    color:rgb(70, 72, 105)  
}
```

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(70, 72, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 72, 105) }
```

Border

The CSS property to change the border of an element to YUV 75.1640, 14.7091, -4.5288 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(70, 72, 105) }
```


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

```
.border{ border-color:rgb(70, 72, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 72, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 72, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 72, 105);  
box-shadow:4px 4px 4px 4px rgb(70, 72,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 75.1640, 14.7091, -4.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 72, 105) }
```

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

```
.background{ background-color: rgb(70, 72,  
105) }
```

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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