

Converting Colors

YUV(64.7380, 30.6952,
-45.3742)

Have a look what the booklet for
YUV(64.7380, 30.6952, -45.3742)
contains.

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Color

**YUV(64.7380, 30.6952,
-45.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	0D4F7F
RGB	13, 79, 127
RGB Percent	5%, 31%, 50%
CMY	0.9490, 0.6902, 0.5020
CMYK	0.90, 0.38, 0.00, 0.50
HSL	205°, 81%, 27%
HSV	205°, 90%, 50%
XYZ	6.7927, 7.2098, 21.1123
YIQ	64.7380, -54.7440, 0.9360

Conversions

Conversions Part 2

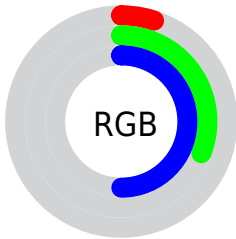
Format	Color
R_{YB}	13, 55, 127
Decimal	872319
CIE _{Lab}	32.28, -0.61, -32.52
CIE _{LCh}	32, 32.524, 268.927
Yxy	7.2098, 0.1934, 0.2053
Android (android.graphics.Color)	4279062399 (0xFF0D4F7F)
YUV	64.7380, 30.6952, -45.3742
Hunter-Lab	26.8511, -1.8331, -27.8223

Details

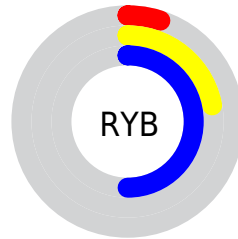
The YUV color **64.7380, 30.6952, -45.3742** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **75.2620, -30.6952, 45.3742**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5760, 29.7890, -34.7082**, and **29.3230, 23.5048, -25.7163** is the 20% darker color. If you saturate the color by 10%, you get **57.9160, 34.0584, -50.7923**, and if you desaturate by 10%, it is **71.5600, 27.3319, -39.9561**.

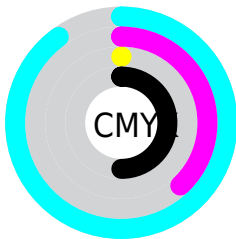
Distribution



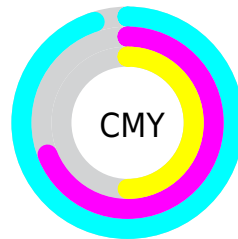
- Red (5%)
- Green (31%)
- Blue (50%)



- Red (5%)
- Yellow (22%)
- Blue (50%)



- Cyan (90%)
- Magenta (38%)
- Yellow (0%)
- Black (50%)



- Cyan (95%)
- Magenta (69%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7380, 30.6952, -45.3742 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 64.7380, 30.6952, -45.3742 by changing the saturation by 10% instead.

■ 64.7380, 30.6952,
-45.3742

■ 64.7380, 30.6952,
-45.3742

■ 255.0000, 0.0000,
0.0000

■ 44.5000, 28.3475,
-39.0265

■ 119.5760, 29.7890,
-34.7082

■ 29.3230, 23.5048,
-25.7163

■ 146.4020, 30.3678,
-33.6786

■ 13.7870, 19.8250,
-12.0912

■ 173.2280, 30.9466,
-32.6490

■ 4.8220, 13.3988,
-4.2289

■ 200.2020, 27.0154,
-31.7492

■ 0.5700, 2.1840,
-0.4999

■ 225.3090, 14.6377,
-28.3350

■ 0.0000, 0.0000,
0.0000

■ 245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

64.7380, 30.6952,
-45.3742

64.7380, 30.6952,
-45.3742

57.9160, 34.0584,
-50.7923

71.5600, 27.3319,
-39.9561

78.6700, 23.8267,
-35.6676

85.4920, 20.4634,
-30.2495

92.3140, 17.1002,
-24.8314

99.4240, 13.5950,
-20.5428

■ 106.2460, 10.2317,
-15.1247

■ 113.0680, 6.8685,
-9.7066

■ 120.4770, 3.2158,
-4.8033

■ 127.0000, 0.0000,
0.0000

Harmonies

Analogous

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



63.4610, 27.3807, -55.6553



64.7380, 30.6952, -45.3742



77.3090, 21.5397, -2.0250

Triad

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



64.7380, 30.6952, -45.3742



75.3920, -11.0393, 40.8752



65.2230, -8.4909, -30.0136

Complementary

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



64.7380, 30.6952, -45.3742



75.2620, -30.6952, 45.3742

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.



70.8750, -20.6444, -5.1524



64.7380, 30.6952, -45.3742



74.9920, -21.1951, 31.5790

Square

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



64.7380, 30.6952, -45.3742



76.1820, 0.8963, 39.3054



73.1550, -25.2194, 15.6501



60.0920, 6.8566, -52.7007

Rectangle

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



64.7380, 30.6952, -45.3742



78.8230, 15.3703, 16.8182



73.1550, -25.2194, 15.6501



67.7250, -13.1754, -20.8068

Sweetspot

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



64.7380, 30.6952, -45.3742



141.3920, 12.1317, -17.8838



85.3900, -12.0243, -63.4860



69.4700, 7.1633, -10.9362



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



64.7380, 30.6952, -45.3742



75.2760, 44.7269, -66.0171



31.2790, 47.1905, -16.0307



60.1460, 1.9000, -2.7590



58.0300, 34.4952, -50.8923



0.0000, 0.0000, 0.0000

Inverse Universe

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



54.6100, 12.0243, 63.4860



60.5780, 17.4630, 92.4551



108.7210, -47.1905, 16.0307



59.5490, 0.7153, 3.9035



46.7080, 13.4550, 71.2931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 64.7380, 30.6952, -45.3742 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 64.7380, 30.6952, -45.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

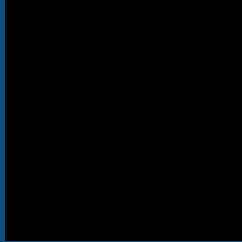
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7380, 30.6952, -45.3742

Background



This preview shows how black text looks on a background with the YUV color 64.7380, 30.6952, -45.3742.



This preview shows how white text looks on a background with the YUV color 64.7380, 30.6952,

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

64.7380, 30.6952, -45.3742

Protanopia

74.5030, 23.9090, -15.3501

Deuteranopia

71.7510, 27.7308, -27.8456



Tritanopia

59.5680, 15.0030, -52.2411

Trichromacy



Original Color

64.7380, 30.6952, -45.3742

Protanomaly

71.0070, 26.1255, -26.3161

Deuteranomaly

69.3480, 28.9154, -34.5082

Tritanomaly

61.3710, 20.5231, -49.4374

Monochromacy



Original Color

64.7380, 30.6952, -45.3742

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8760, 11.4001, -16.5543

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7380, 30.6952, -45.3742 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(13, 79, 127)` looks like.

```
.text, #text, p{  
  color:rgb(13, 79, 127)  
}
```

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(13, 79, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 79, 127) }
```

Border

The CSS property to change the border of an element to YUV 64.7380, 30.6952, -45.3742 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(13, 79, 127) }
```


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

```
.border{ border-color:rgb(13, 79, 127) }
```

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

Here you see how a box with a 4 pixel rgb(13, 79, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 79, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 79, 127);  
box-shadow:4px 4px 4px 4px rgb(13, 79,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 64.7380, 30.6952, -45.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 79, 127) }
```

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

```
.background{ background-color: rgb(13, 79,  
127) }
```

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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