

Converting Colors

YUV(78.5340, 30.3027,
-12.7463)

Have a look what the booklet for
YUV(78.5340, 30.3027, -12.7463)
contains.

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Color

**YUV(78.5340, 30.3027,
-12.7463)**

Conversions

Conversions Part 1

Format	Color
Hex	404A8C
RGB	64, 74, 140
RGB Percent	25%, 29%, 55%
CMY	0.7490, 0.7098, 0.4510
CMYK	0.54, 0.47, 0.00, 0.45
HSL	232°, 37%, 40%
HSV	232°, 54%, 55%
XYZ	9.2968, 7.8810, 25.8421
YIQ	78.5340, -27.1460, 18.4060

Conversions

Conversions Part 2

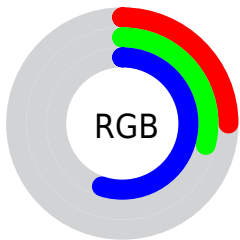
Format	Color
R _{YB}	64, 73, 140
Decimal	4213388
CIE Lab	33.73, 16.00, -38.08
CIE LCh	34, 41.307, 292.796
Yxy	7.8810, 0.2161, 0.1832
Android (android.graphics.Color)	4282403468 (0xFF404A8C)
YUV	78.5340, 30.3027, -12.7463
Hunter-Lab	28.0731, 9.9845, -34.9270

Details

The YUV color **78.5340, 30.3027, -12.7463** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **125.4660, -30.3027, 12.7463**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7130, 32.1865, -10.2723**, and **28.3430, 29.9039, -24.8568** is the 20% darker color. If you saturate the color by 10%, you get **67.3040, 35.8391, -15.1756**, and if you desaturate by 10%, it is **89.7640, 24.7663, -10.3170**.

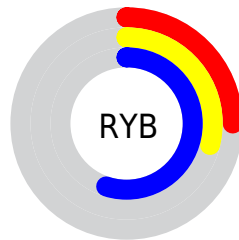
Distribution



Red (25%)

Green (29%)

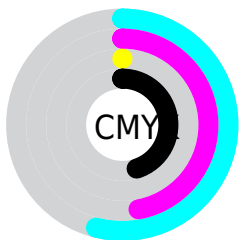
Blue (55%)



Red (25%)

Yellow (29%)

Blue (55%)

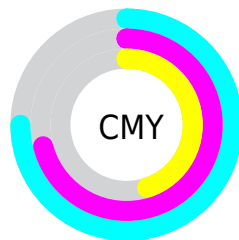


Cyan (54%)

Magenta (47%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (71%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.5340, 30.3027, -12.7463 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 78.5340, 30.3027, -12.7463 by changing the saturation by 10% instead.

■ 78.5340, 30.3027,
-12.7463

■ 78.5340, 30.3027,
-12.7463

■ 255.0000, 0.0000,
0.0000

■ 54.2840, 29.4400,
-16.0351

■ 128.7130, 32.1865,
-10.2723

■ 28.3430, 29.9039,
-24.8568

■ 155.2400, 32.9127,
-9.8575

■ 12.1060, 26.0767,
-10.6170

■ 182.7670, 33.6389,
-9.4427

■ 6.6630, 17.9141,
-5.8435

■ 207.4440, 23.4451,
-6.5284

■ 2.9810, 8.8834,
-2.6143

■ 232.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 78.5340, 30.3027,
-12.7463

■ 78.5340, 30.3027,
-12.7463

■ 67.3040, 35.8391,
-15.1756

■ 89.7640, 24.7663,
-10.3170

■ 56.0740, 41.3755,
-17.6049

■ 100.9940, 19.2300,
-7.8877

■ 44.8440, 46.9119,
-20.0342

■ 112.2240, 13.6936,
-5.4584

■ 33.0270, 52.7377,
-21.9487

■ 124.0410, 7.8678,
-3.5440

■ 26.5260, 55.9427,
-23.2633

■ 135.2710, 2.3314,
-1.1147

■ 146.5010, -3.2050,
1.3146

■ 157.7310, -8.7414,
3.7439

■ 168.9610,

-14.2778, 6.1732

■ 180.1910,
-19.8142, 8.6025

Harmonies

Analogous

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



66.3110, 38.3007, -58.1547



78.5340, 30.3027, -12.7463



81.3880, 18.5427, 25.9697

Triad

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



78.5340, 30.3027, -12.7463



76.8470, -24.5746, 42.2302



63.1580, 3.3731, -55.3896

Complementary

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



78.5340, 30.3027, -12.7463



125.4660, -30.3027, 12.7463

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.



65.7080, -14.1530, -33.9469



78.5340, 30.3027, -12.7463



74.9790, -34.9926, 23.6974

Square

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



78.5340, 30.3027, -12.7463



76.4090, -10.0616, 54.0153



72.1500, -31.1329, -1.0085



67.6210, 17.9348, -59.3036

Rectangle

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



78.5340, 30.3027, -12.7463



79.9080, 9.9054, 43.0537



72.1500, -31.1329, -1.0085



61.3170, -1.1423, -53.7750

Sweetspot

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



78.5340, 30.3027, -12.7463



157.6540, 11.5096, -4.9586



116.1360, 6.8350, -45.7233



77.8130, 6.9942, -3.3440



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



78.5340, 30.3027, -12.7463



85.8440, 46.9119, -20.0342



81.0360, 29.0693, 9.6154



63.3850, 2.7682, -1.2146



25.1410, 53.1745, -22.0487



1.1570, 1.8946, -1.0147

Inverse Universe

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



87.8640, -6.8350, 45.7233



100.1060, -10.4053, 70.9440



122.9640, -29.0693, -9.6154



64.2070, -0.5951, 4.2035



41.7050, -12.1796, 80.0657



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 78.5340, 30.3027, -12.7463 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 78.5340, 30.3027, -12.7463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

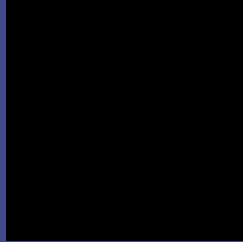
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.5340, 30.3027, -12.7463

Background



This preview shows how black text looks on a background with the YUV color 78.5340, 30.3027, -12.7463.



This preview shows how white text looks on a background with the YUV color 78.5340, 30.3027, -12.7463.

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

78.5340, 30.3027, -12.7463

Protanopia

75.5540, 33.2509, -25.0419

Deuteranopia

71.7760, 33.1414, -36.6376



Tritanopia

74.4360, 8.6591, -24.0614

Trichromacy



Original Color

78.5340, 30.3027, -12.7463

Protanomaly

76.6470, 32.2190, -20.7384

Deuteranomaly

74.1900, 31.9513, -28.2306

Tritanomaly

75.8200, 16.3577, -20.0131

Monochromacy



Original Color

78.5340, 30.3027, -12.7463

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8390, 10.9254, -4.2438

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5340, 30.3027, -12.7463 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(64, 74, 140)` looks like.

```
.text, #text, p{  
    color:rgb(64, 74, 140)  
}
```

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(64, 74, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 74, 140) }
```

Border

The CSS property to change the border of an element to YUV 78.5340, 30.3027, -12.7463 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(64, 74, 140) }
```


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

```
.border{ border-color:rgb(64, 74, 140) }
```

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

Here you see how a box with a 4 pixel rgb(64, 74, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 74, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 74, 140);  
box-shadow:4px 4px 4px 4px rgb(64, 74,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 78.5340, 30.3027, -12.7463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 74, 140) }
```

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

```
.background{ background-color: rgb(64, 74,  
140) }
```

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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