

Converting Colors

YUV(75.3260, 32.3773,
-24.8419)

Have a look what the booklet for
YUV(75.3260, 32.3773, -24.8419)
contains.

YUV(75.3260, 32.3773, -24.8419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(75.3260, 32.3773,
-24.8419)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4D8D
RGB	47, 77, 141
RGB Percent	18%, 30%, 55%
CMY	0.8157, 0.6980, 0.4471
CMYK	0.67, 0.45, 0.00, 0.45
HSL	221°, 50%, 37%
HSV	221°, 67%, 55%
XYZ	8.6339, 7.8352, 26.2566
YIQ	75.3260, -38.4240, 13.5440

Conversions

Conversions Part 2

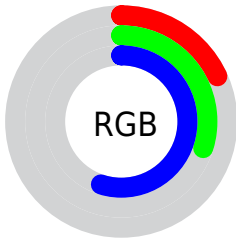
Format	Color
R_{YB}	47, 70, 141
Decimal	3100045
CIE _{Lab}	33.64, 10.81, -38.91
CIE _{LCh}	34, 40.379, 285.528
Yxy	7.8352, 0.2021, 0.1834
Android (android.graphics.Color)	4281290125 (0xFF2F4D8D)
YUV	75.3260, 32.3773, -24.8419
Hunter-Lab	27.9914, 6.0730, -36.0215

Details

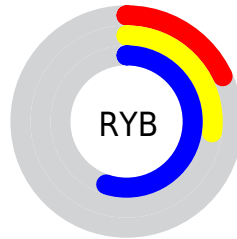
The YUV color **75.3260, 32.3773, -24.8419** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **112.6740, -32.3773, 24.8419**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.9890, 33.5294, -21.0384**, and **30.2180, 29.4725, -26.5012** is the 20% darker color. If you saturate the color by 10%, you get **65.2700, 37.3349, -28.3008**, and if you desaturate by 10%, it is **85.3820, 27.4197, -21.3830**.

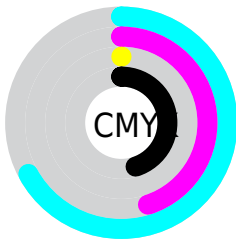
Distribution



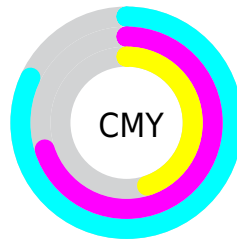
- Red (18%)
- Green (30%)
- Blue (55%)



- Red (18%)
- Yellow (27%)
- Blue (55%)



- Cyan (67%)
- Magenta (45%)
- Yellow (0%)
- Black (45%)



- Cyan (82%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.3260, 32.3773, -24.8419 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 75.3260, 32.3773, -24.8419 by changing the saturation by 10% instead.

■ 75.3260, 32.3773,
-24.8419

■ 75.3260, 32.3773,
-24.8419

■ 255.0000, 0.0000,
0.0000

■ 48.0860, 32.9886,
-34.2784

■ 126.9890, 33.5294,
-21.0384

■ 30.2180, 29.4725,
-26.5012

■ 153.2280, 34.3976,
-19.4940

■ 13.9810, 25.6454,
-12.2613

■ 180.4560, 35.2712,
-19.6939

■ 6.6630, 17.9141,
-5.8435

■ 205.3180, 24.4932,
-16.0649

■ 3.0950, 9.3202,
-2.7143

■ 230.1260, 12.2629,
-13.2655

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 75.3260, 32.3773,
-24.8419

■ 75.3260, 32.3773,
-24.8419

■ 65.2700, 37.3349,
-28.3008

■ 85.3820, 27.4197,
-21.3830

■ 55.8010, 42.0031,
-32.2745

■ 94.8510, 22.7515,
-17.4093

■ 45.7450, 46.9607,
-35.7334

■ 104.9070, 17.7938,
-13.9504

■ 42.4890, 48.5659,
-37.2629

■ 114.3760, 13.1256,
-9.9768

■ 124.7310, 8.0206,
-5.9031

■ 134.7870, 3.0630,
-2.4442

■ 144.2560, -1.6052,
1.5295

■ 154.3120, -6.5628,
4.9884

■ 163.7810,
-11.2310, 8.9621

Harmonies

Analogous

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



67.1430, 36.4115, -58.8844



75.3260, 32.3773, -24.8419



81.6150, 20.8958, 17.8776

Triad

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



75.3260, 32.3773, -24.8419



76.7810, -21.0910, 44.9191



61.6590, 0.1681, -54.0749

Complementary

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



75.3260, 32.3773, -24.8419



112.6740, -32.3773, 24.8419

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.



68.9220, -18.6955, -23.6106



75.3260, 32.3773, -24.8419



75.8100, -31.9513, 28.2306

Square

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



75.3260, 32.3773, -24.8419



77.0220, -6.4198, 52.6007



73.4390, -32.7544, 5.7540



66.0080, 14.2931, -57.8890

Rectangle

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



75.3260, 32.3773, -24.8419



80.2600, 12.6898, 36.6060



73.4390, -32.7544, 5.7540



59.8180, -4.3473, -52.4604

Sweetspot

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



75.3260, 32.3773, -24.8419



158.2620, 12.6888, -9.8768



109.3600, 0.3155, -54.6897



76.6170, 7.5838, -5.8031



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.



75.3260, 32.3773, -24.8419



81.3470, 50.6079, -38.8923



62.5000, 38.7005, 0.4385



66.5590, 2.1894, -2.2442



40.6310, 46.5239, -35.6334



2.0860, 2.9156, -1.8294

Inverse Universe

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



78.5260, -0.7523, 54.7897



86.3110, -1.1393, 85.6733



125.5000, -38.7005, -0.4385



66.4350, 0.2785, 4.0035



45.2670, -1.1176, 78.6958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 75.3260, 32.3773, -24.8419 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 75.3260, 32.3773, -24.8419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

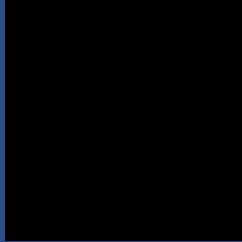
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.3260, 32.3773, -24.8419

Background



This preview shows how black text looks on a background with the YUV color 75.3260, 32.3773, -24.8419.



This preview shows how white text looks on a background with the YUV color 75.3260, 32.3773,

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

75.3260, 32.3773, -24.8419

Protanopia

75.9240, 32.0825, -23.6123

Deuteranopia

69.4980, 34.7575, -41.6557



Tritanopia

65.1880, 14.6973, -47.5229

Trichromacy



Original Color

75.3260, 32.3773, -24.8419

Protanomaly

75.6250, 32.2299, -24.2271

Deuteranomaly

71.6020, 33.7202, -35.6080

Tritanomaly

68.6650, 21.3642, -39.1712

Monochromacy



Original Color

75.3260, 32.3773, -24.8419

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3330, 11.6678, -9.0620

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3260, 32.3773, -24.8419 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(47, 77, 141)` looks like.

```
.text, #text, p{  
    color:rgb(47, 77, 141)  
}
```

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(47, 77, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 77, 141) }
```

Border

The CSS property to change the border of an element to YUV 75.3260, 32.3773, -24.8419 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(47, 77, 141) }
```


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

```
.border{ border-color:rgb(47, 77, 141) }
```

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

Here you see how a box with a 4 pixel rgb(47, 77, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 77, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 77, 141);  
box-shadow:4px 4px 4px 4px rgb(47, 77,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 75.3260, 32.3773, -24.8419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 77, 141) }
```

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

```
.background{ background-color: rgb(47, 77,  
141) }
```

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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