

Converting Colors

YUV(77.7660, -5.3076, -24.3508)

Have a look what the booklet for
YUV(77.7660, -5.3076, -24.3508)
contains.

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Color

**YUV(77.7660, -5.3076,
-24.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	325E43
RGB	50, 94, 67
RGB Percent	20%, 37%, 26%
CMY	0.8039, 0.6314, 0.7373
CMYK	0.47, 0.00, 0.29, 0.63
HSL	143°, 31%, 28%
HSV	143°, 47%, 37%
XYZ	6.3312, 9.0888, 6.7308
YIQ	77.7660, -17.5570, -17.7250

Conversions

Conversions Part 2

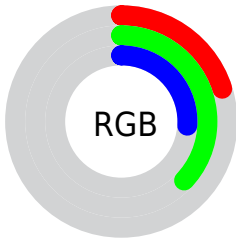
Format	Color
RYB	50, 82, 94
Decimal	3300931
CIELab	36.15, -22.12, 10.84
CIELCh	36, 24.635, 153.889
Yxy	9.0888, 0.2858, 0.4103
Android (android.graphics.Color)	4281491011 (0xFF325E43)
YUV	77.7660, -5.3076, -24.3508
Hunter-Lab	30.1476, -15.2719, 7.8661

Details

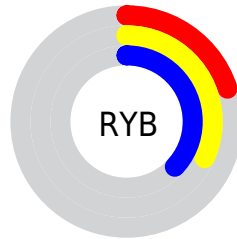
The YUV color **77.7660, -5.3076, -24.3508** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **66.2340, 5.3076, 24.3508**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8260, -6.3232, -25.2804**, and **30.6240, -3.2656, -25.9802** is the 20% darker color. If you saturate the color by 10%, you get **74.3910, -6.6018, -29.2839**, and if you desaturate by 10%, it is **81.1410, -4.0135, -19.4177**.

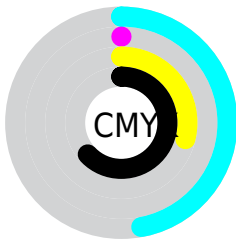
Distribution



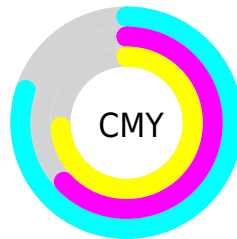
- Red (20%)
- Green (37%)
- Blue (26%)



- Red (20%)
- Yellow (32%)
- Blue (37%)



- Cyan (47%)
- Magenta (0%)
- Yellow (29%)
- Black (63%)



- Cyan (80%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7660, -5.3076, -24.3508 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 77.7660, -5.3076, -24.3508 by changing the saturation by 10% instead.

■ 77.7660, -5.3076,
-24.3508

■ 77.7660, -5.3076,
-24.3508

■ 255.0000, 0.0000,
0.0000

■ 53.9940, -4.4340,
-24.5507

■ 127.8260, -6.3232,
-25.2804

■ 30.6240, -3.2656,
-25.9802

■ 153.8260, -6.3232,
-25.2804

■ 16.4360, -8.1029,
-14.4144

■ 181.0000, -6.9020,
-26.3100

■ 0.0000, 0.0000,
0.0000

■ 208.5870, -7.1914,
-26.8248

■ 236.5870, -7.1914,
-26.8248

■ 248.2650, 1.3484,

-12.5104

■ 77.7660, -5.3076,
-24.3508

■ 77.7660, -5.3076,
-24.3508

■ 74.3910, -6.6018,
-29.2839

■ 81.1410, -4.0135,
-19.4177

■ 70.7170, -7.7485,
-34.8318

■ 84.8150, -2.8668,
-13.8698

■ 67.4560, -8.6058,
-39.8649

■ 88.0760, -2.0095,
-8.8367

■ 63.7820, -9.7525,
-45.4128

■ 91.7500, -0.8628,
-3.2887

■ 60.4070, -11.0467,
-50.3459

■ 95.1250, 0.4314,
1.6444

■ 59.2820, -11.4780,
-51.9903

■ 98.5000, 1.7255,
6.5775

■ 102.0600, 2.4354,
12.2254

■ 105.4350, 3.7295,
17.1585

■ 109.1090, 4.8763,
22.7064

Harmonies

Analogous

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



80.7700, -14.6766, -5.9373



77.7660, -5.3076, -24.3508



71.0650, 7.8560, -46.5380

Triad

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



77.7660, -5.3076, -24.3508



82.5580, 20.4309, -19.7834



86.0380, -10.8647, 31.5387

Complementary

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



77.7660, -5.3076, -24.3508



66.2340, 5.3076, 24.3508

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.



86.4430, -1.6974, 31.1835



77.7660, -5.3076, -24.3508



87.0340, 15.2662, 3.4782

Square

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



77.7660, -5.3076, -24.3508



73.0660, 23.1385, -48.2929



87.4940, 7.6445, 21.4918



84.9740, -17.2422, 23.7018

Rectangle

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



77.7660, -5.3076, -24.3508



67.1650, 16.1877, -58.9037



87.4940, 7.6445, 21.4918



85.8470, -7.8126, 32.5832

Sweetspot

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



77.7660, -5.3076, -24.3508



115.7770, -1.8621, -9.4514



83.9010, -16.7132, -6.0522



57.3260, -1.1467, -5.5479



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



77.7660, -5.3076, -24.3508



96.8800, -8.3218, -37.6058



80.2740, 4.3019, -26.5503



44.1630, -0.5734, -2.7740



69.3580, -13.4875, -60.8270



149.6070, -28.4003, -131.2053

Inverse Universe

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



66.2340, 5.3076, 24.3508



79.1200, 8.3218, 37.6058



63.7260, -4.3019, 26.5503



42.8370, 0.5734, 2.7740



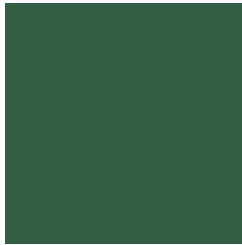
40.5280, 13.0507, 60.9269



87.5070, 28.8370, 131.1054

Previews

White Background



This preview shows how the YUV color 77.7660, -5.3076, -24.3508 looks on a white background.

Color Contrast Check

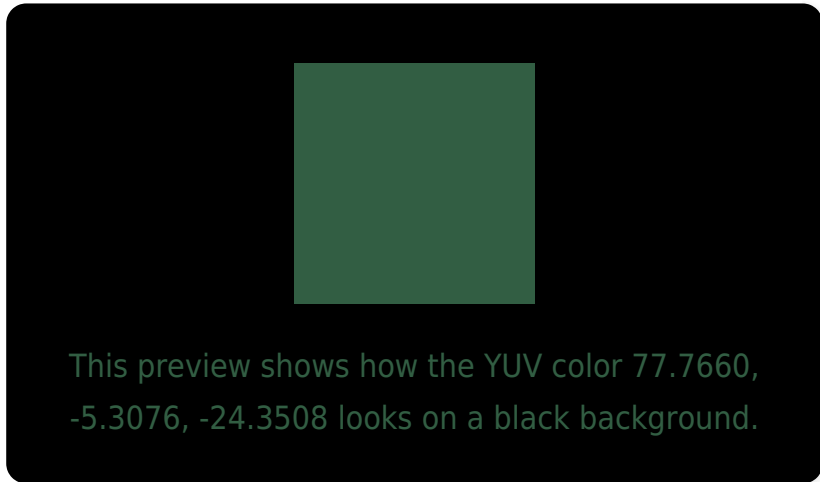
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

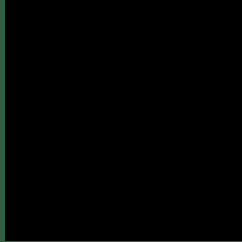
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7660, -5.3076, -24.3508

Background



This preview shows how black text looks on a background with the YUV color 77.7660, -5.3076, -24.3508.



This preview shows how white text looks on a background with the YUV color 77.7660, -5.3076, -24.3508.

-24.3508.

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

77.7660, -5.3076, -24.3508

Protanopia

84.2860, -10.4940, 5.8882

Deuteranopia

84.8290, -7.3107, 11.5510



Tritanopia

80.9310, 7.9220, -20.9875

Trichromacy



Original Color

77.7660, -5.3076, -24.3508

Protanomaly

81.6760, -8.7143, -4.9779

Deuteranomaly

82.5670, -6.6885, -1.3743

Tritanomaly

79.3670, 3.2701, -22.2469

Monochromacy



Original Color

77.7660, -5.3076, -24.3508

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0760, -2.0095, -8.8367

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7660, -5.3076, -24.3508 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(50, 94, 67)` looks like.

```
.text, #text, p{  
    color:rgb(50, 94, 67)  
}
```

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(50, 94, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 94, 67) }
```

Border

The CSS property to change the border of an element to YUV 77.7660, -5.3076, -24.3508 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(50, 94, 67) }
```


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

```
.border{ border-color:rgb(50, 94, 67) }
```

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

Here you see how a box with a 4 pixel rgb(50, 94, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 94, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 94, 67);  
box-shadow:4px 4px 4px 4px rgb(50, 94, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.7660, -5.3076, -24.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 94, 67) }
```

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

```
.background{ background-color: rgb(50, 94,  
67) }
```

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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