

Converting Colors

YUV(75.4470, 25.4156,
-31.9640)

Have a look what the booklet for
YUV(75.4470, 25.4156, -31.9640)
contains.

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Color

**YUV(75.4470, 25.4156,
-31.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	27547F
RGB	39, 84, 127
RGB Percent	15%, 33%, 50%
CMY	0.8471, 0.6706, 0.5020
CMYK	0.69, 0.34, 0.00, 0.50
HSL	209°, 53%, 33%
HSV	209°, 69%, 50%
XYZ	7.8378, 8.3043, 21.2685
YIQ	75.4470, -40.6230, 3.8330

Conversions

Conversions Part 2

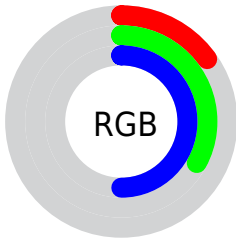
Format	Color
R_{YB}	39, 69, 127
Decimal	2577535
CIE _{Lab}	34.61, -0.51, -28.79
CIE _{LCh}	35, 28.792, 268.986
Yxy	8.3043, 0.2095, 0.2220
Android (android.graphics.Color)	4280767615 (0xFF27547F)
YUV	75.4470, 25.4156, -31.9640
Hunter-Lab	28.8172, -1.8810, -23.5869

Details

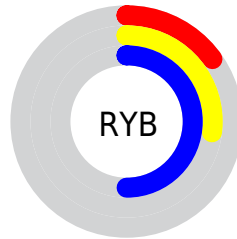
The YUV color **75.4470, 25.4156, -31.9640** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **90.5530, -25.4156, 31.9640**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.6970, 26.2784, -28.6753**, and **32.3720, 22.4946, -28.3902** is the 20% darker color. If you saturate the color by 10%, you get **68.0380, 29.0683, -36.8673**, and if you desaturate by 10%, it is **82.8560, 21.7630, -27.0607**.

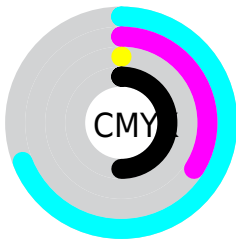
Distribution



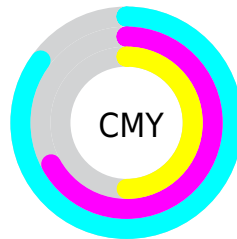
- Red (15%)
- Green (33%)
- Blue (50%)



- Red (15%)
- Yellow (27%)
- Blue (50%)



- Cyan (69%)
- Magenta (34%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.4470, 25.4156, -31.9640 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 75.4470, 25.4156, -31.9640 by changing the saturation by 10% instead.

■ 75.4470, 25.4156,
-31.9640

■ 75.4470, 25.4156,
-31.9640

■ 255.0000, 0.0000,
0.0000

■ 47.4350, 26.9005,
-41.6005

■ 126.6970, 26.2784,
-28.6753

■ 32.3720, 22.4946,
-28.3902

■ 153.2240, 27.0046,
-28.2604

■ 17.3090, 18.0887,
-15.1800

■ 180.6370, 27.2940,
-27.7456

■ 4.9360, 13.8356,
-4.3289

■ 207.6110, 23.3628,
-26.8458

■ 0.5700, 2.1840,
-0.4999

■ 232.4190, 11.1324,
-24.0465

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 75.4470, 25.4156,
-31.9640

■ 75.4470, 25.4156,
-31.9640

■ 68.0380, 29.0683,
-36.8673

■ 82.8560, 21.7630,
-27.0607

■ 60.9280, 32.5735,
-41.1559

■ 89.9660, 18.2578,
-22.7722

■ 52.9320, 36.5155,
-45.5444

■ 97.9620, 14.3157,
-18.3837

■ 52.6330, 36.6629,
-46.1591

■ 105.3710, 10.6631,
-13.4804

■ 112.4810, 7.1579,
-9.1918

■ 119.8900, 3.5052,
-4.2885

■ 127.2990, -0.1474,
0.6148

■ 135.2950, -4.0894,
5.0033

■ 142.4050, -7.5947,
9.2918

Harmonies

Analogous

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



66.5100, 26.3706, -58.3293



75.4470, 25.4156, -31.9640



82.9240, 18.7715, -0.8103

Triad

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



75.4470, 25.4156, -31.9640



81.4840, -10.5916, 37.2865



73.0710, -7.9230, -25.4953

Complementary

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



75.4470, 25.4156, -31.9640



90.5530, -25.4156, 31.9640

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.



77.4560, -18.4658, -3.9079



75.4470, 25.4156, -31.9640



81.2520, -18.8582, 28.7200

Square

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



75.4470, 25.4156, -31.9640



82.6330, 0.1809, 35.4019



79.5400, -22.4512, 14.4354



63.7110, 8.0305, -55.8745

Rectangle

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



75.4470, 25.4156, -31.9640



84.0570, 13.7759, 14.8590



79.5400, -22.4512, 14.4354



74.6760, -12.1653, -18.1329

Sweetspot

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



75.4470, 25.4156, -31.9640



145.5560, 10.0789, -12.7656



95.5580, -6.6841, -49.6014



71.8510, 5.9895, -7.7623



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.



75.4470, 25.4156, -31.9640



85.4090, 39.7314, -50.3477



49.6190, 38.1488, -9.3129



60.1460, 1.9000, -2.7590



52.7470, 37.0997, -46.2591



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.4420, 6.6841, 49.6014



77.3560, 10.6705, 77.7408



116.3810, -38.1488, 9.3129



59.5490, 0.7153, 3.9035



45.6820, 9.5238, 72.1929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.4470, 25.4156, -31.9640 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 75.4470, 25.4156, -31.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

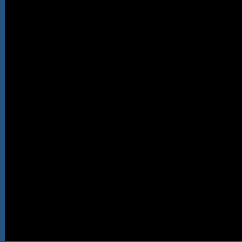
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.4470, 25.4156, -31.9640

Background



This preview shows how black text looks on a background with the YUV color 75.4470, 25.4156, -31.9640.



This preview shows how white text looks on a background with the YUV color 75.4470, 25.4156,

-31.9640.

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

75.4470, 25.4156, -31.9640

Protanopia

80.7160, 20.8460, -12.9059

Deuteranopia

78.8830, 24.2147, -20.0684



Tritanopia

68.3730, 14.1131, -46.8081

Trichromacy



Original Color

75.4470, 25.4156, -31.9640

Protanomaly

78.4270, 22.4675, -19.6685

Deuteranomaly

77.6760, 24.8097, -24.2719

Tritanomaly

71.1440, 18.1700, -41.3453

Monochromacy



Original Color

75.4470, 25.4156, -31.9640

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0400, 9.3473, -11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4470, 25.4156, -31.9640 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(39, 84, 127)` looks like.

```
.text, #text, p{  
    color:rgb(39, 84, 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(39, 84, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 84, 127) }
```

Border

The CSS property to change the border of an element to YUV 75.4470, 25.4156, -31.9640 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(39, 84, 127) }
```


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

```
.border{ border-color:rgb(39, 84, 127) }
```

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

Here you see how a box with a 4 pixel rgb(39, 84, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 84, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 84, 127);  
box-shadow:4px 4px 4px 4px rgb(39, 84,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 75.4470, 25.4156, -31.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 84, 127) }
```

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

```
.background{ background-color: rgb(39, 84,  
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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