

Converting Colors

YUV(60.2440, 20.0927, -4.5990)

Have a look what the booklet for
YUV(60.2440, 20.0927, -4.5990)
contains.

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Color

**YUV(60.2440, 20.0927,
-4.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	373765
RGB	55, 55, 101
RGB Percent	22%, 22%, 40%
CMY	0.7843, 0.7843, 0.6039
CMYK	0.46, 0.46, 0.00, 0.60
HSL	240°, 29%, 31%
HSV	240°, 46%, 40%
XYZ	5.2907, 4.4842, 12.8986
YIQ	60.2440, -14.7660, 14.3060

Conversions

Conversions Part 2

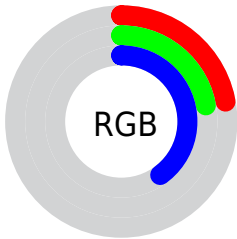
Format	Color
RYB	55, 55, 101
Decimal	3618661
CIELab	25.21, 13.27, -27.17
CIELCh	25, 30.240, 296.037
Yxy	4.4842, 0.2333, 0.1978
Android (android.graphics.Color)	4281808741 (0xFF373765)
YUV	60.2440, 20.0927, -4.5990
Hunter-Lab	21.1759, 7.5396, -21.2914

Details

The YUV color **60.2440, 20.0927, -4.5990** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **95.7560, -20.0927, 4.5990**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.5970, 21.3977, -3.1546**, and **14.9940, 19.2300, -7.8877** is the 20% darker color. If you saturate the color by 10%, you get **51.3840, 24.4607, -5.5988**, and if you desaturate by 10%, it is **69.1040, 15.7247, -3.5992**.

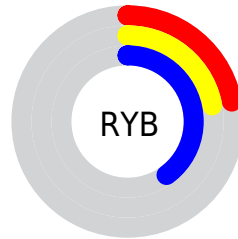
Distribution



Red (22%)

Green (22%)

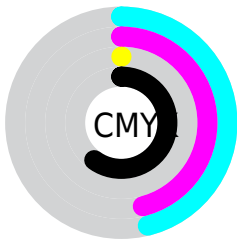
Blue (40%)



Red (22%)

Yellow (22%)

Blue (40%)

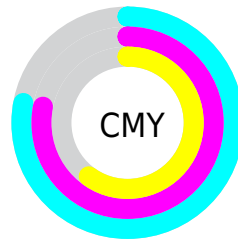


Cyan (46%)

Magenta (46%)

Yellow (0%)

Black (60%)



Cyan (78%)

Magenta (78%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.2440, 20.0927, -4.5990 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 60.2440, 20.0927, -4.5990 by changing the saturation by 10% instead.

60.2440, 20.0927,
-4.5990

60.2440, 20.0927,
-4.5990

255.0000, 0.0000,
0.0000

38.0050, 19.2245,
-6.1434

108.5970, 21.3977,
-3.1546

14.9940, 19.2300,
-7.8877

133.8250, 22.2713,
-3.3545

4.8220, 13.3988,
-4.2289

160.3520, 22.9975,
-2.9397

0.4560, 1.7472,
-0.3999

186.8790, 23.7237,
-2.5249

0.0000, 0.0000,
0.0000

213.9670, 20.2293,
-1.7251

239.0740, 7.8515,

1.6891

■ 60.2440, 20.0927,
-4.5990

■ 60.2440, 20.0927,
-4.5990

■ 51.3840, 24.4607,
-5.5988

■ 69.1040, 15.7247,
-3.5992

■ 42.5240, 28.8287,
-6.5985

■ 77.9640, 11.3567,
-2.5994

■ 33.6640, 33.1966,
-7.5983

■ 86.8240, 6.9888,
-1.5996

■ 24.8040, 37.5646,
-8.5981

■ 95.6840, 2.6208,
-0.5999

■ 15.9440, 41.9326,
-9.5979

■ 105.4300, -2.1840,
0.4999

■ 11.5140, 44.1166,
-10.0978

■ 114.2900, -6.5520,
1.4997

■ 123.1500,
-10.9199, 2.4995

■ 132.0100,
-15.2879, 3.4992

■ 140.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



48.9510, 27.6322, -42.9300



60.2440, 20.0927, -4.5990



61.6340, 12.0124, 20.4920

Triad

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



60.2440, 20.0927, -4.5990



58.7790, -18.1320, 29.1348



48.0610, 3.9139, -42.1495

Complementary

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



60.2440, 20.0927, -4.5990



95.7560, -20.0927, 4.5990

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.



50.8430, -8.7966, -25.2953



60.2440, 20.0927, -4.5990



57.6110, -23.4722, 15.2502

Square

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



60.2440, 20.0927, -4.5990



58.9400, -8.8444, 36.8866



54.8260, -19.6342, -2.4784



50.6830, 13.9603, -44.4490

Rectangle

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



60.2440, 20.0927, -4.5990



60.2780, 5.2859, 31.3282



54.8260, -19.6342, -2.4784



46.5620, 0.7089, -40.8349

Sweetspot

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



60.2440, 20.0927, -4.5990



114.0520, 7.8624, -1.7996



87.2460, 6.7807, -28.2797



56.2540, 4.8048, -1.0998



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



60.2440, 20.0927, -4.5990



67.0940, 31.0127, -7.0984



67.1210, 16.7023, 9.5409



46.5700, 2.1840, -0.4999



13.1100, 50.2318, -11.4975



27.5880, 105.7051, -24.1947

Inverse Universe

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



73.9980, 13.3120, 23.6808



88.3230, 20.5468, 36.5507



88.8790, -16.7023, -9.5409



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 60.2440, 20.0927, -4.5990 looks on a white background.

Color Contrast Check

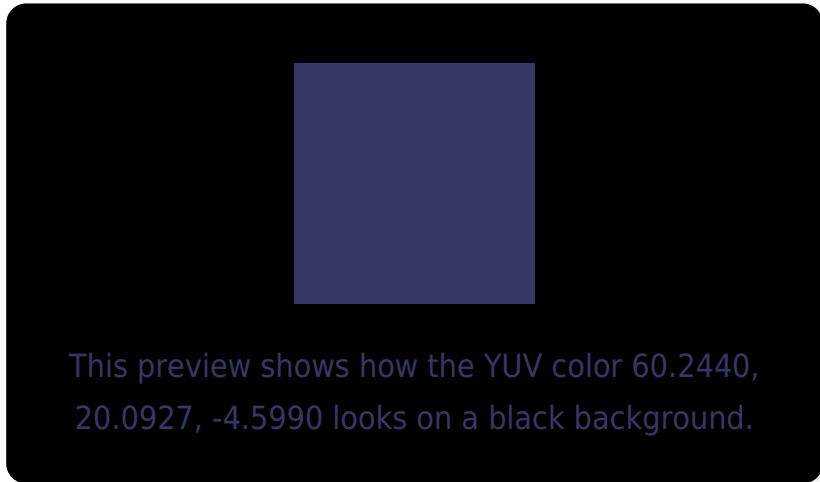
Large Text (above 18pt) WCAG AA ✓ Pass

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

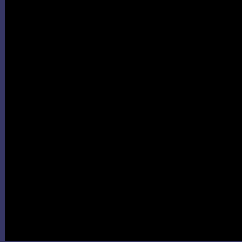
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.2440, 20.0927, -4.5990

Background



This preview shows how black text looks on a background with the YUV color 60.2440, 20.0927, -4.5990.



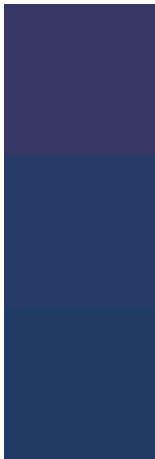
This preview shows how white text looks on a background with the YUV color 60.2440, 20.0927,

-4.5990.

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

60.2440, 20.0927, -4.5990

Protanopia

57.5630, 22.8934, -16.2798

Deuteranopia

56.4870, 21.4519, -20.5981



Tritanopia

58.4870, 4.6899, -10.9511

Trichromacy



Original Color

60.2440, 20.0927, -4.5990

Protanomaly

58.6560, 21.8616, -11.9763

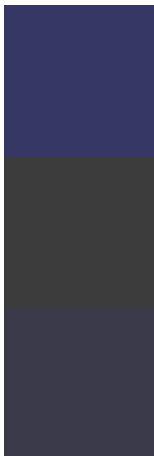
Deuteranomaly

57.7050, 20.8514, -14.6503

Tritanomaly

58.9910, 10.3574, -8.7621

Monochromacy



Original Color

60.2440, 20.0927, -4.5990

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9380, 7.4256, -1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.2440, 20.0927, -4.5990 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(55, 55, 101)` looks like.

```
.text, #text, p{  
    color:rgb(55, 55, 101)  
}
```

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(55, 55, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 55, 101) }
```

Border

The CSS property to change the border of an element to YUV 60.2440, 20.0927, -4.5990 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(55, 55, 101) }
```


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

```
.border{ border-color:rgb(55, 55, 101) }
```

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

Here you see how a box with a 4 pixel rgb(55, 55, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 55, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 55, 101);  
box-shadow:4px 4px 4px 4px rgb(55, 55,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 60.2440, 20.0927, -4.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 55, 101) }
```

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

```
.background{ background-color: rgb(55, 55,  
101) }
```

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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