

Converting Colors

YUV(76.6240, 16.9474,
-22.4722)

Have a look what the booklet for
YUV(76.6240, 16.9474, -22.4722)
contains.

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Color

**YUV(76.6240, 16.9474,
-22.4722)**

Conversions

Conversions Part 1

Format	Color
Hex	33536F
RGB	51, 83, 111
RGB Percent	20%, 33%, 44%
CMY	0.8000, 0.6745, 0.5647
CMYK	0.54, 0.25, 0.00, 0.56
HSL	208°, 37%, 32%
HSV	208°, 54%, 44%
XYZ	7.3277, 8.0380, 16.2042
YIQ	76.6240, -28.0600, 1.9240

Conversions

Conversions Part 2

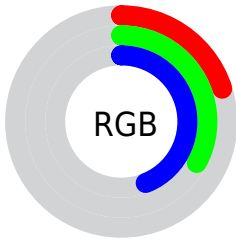
Format	Color
R_{YB}	51, 72, 111
Decimal	3363695
CIE _{Lab}	34.06, -2.98, -19.67
CIE _{LCh}	34, 19.898, 261.387
Yxy	8.0380, 0.2321, 0.2546
Android (android.graphics.Color)	4281553775 (0xFF33536F)
YUV	76.6240, 16.9474, -22.4722
Hunter-Lab	28.3514, -3.4796, -14.0411

Details

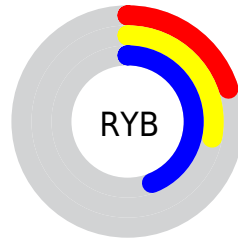
The YUV color **76.6240, 16.9474, -22.4722** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **85.3760, -16.9474, 22.4722**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5640, 17.9629, -21.5426**, and **29.4880, 16.5214, -25.8610** is the 20% darker color. If you saturate the color by 10%, you get **70.4000, 20.0158, -26.6608**, and if you desaturate by 10%, it is **82.8480, 13.8789, -18.2837**.

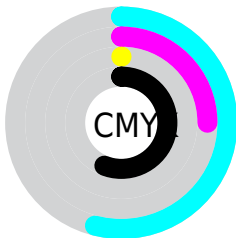
Distribution



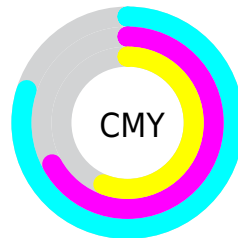
- Red (20%)
- Green (33%)
- Blue (44%)



- Red (20%)
- Yellow (28%)
- Blue (44%)



- Cyan (54%)
- Magenta (25%)
- Yellow (0%)
- Black (56%)



- Cyan (80%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6240, 16.9474, -22.4722 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 76.6240, 16.9474, -22.4722 by changing the saturation by 10% instead.

■ 76.6240, 16.9474,
-22.4722

■ 76.6240, 16.9474,
-22.4722

■ 255.0000, 0.0000,
0.0000

■ 52.6130, 16.9528,
-24.2166

■ 126.5640, 17.9629,
-21.5426

■ 29.4880, 16.5214,
-25.8610

■ 152.6780, 18.3997,
-21.6426

■ 15.2400, 12.6997,
-13.3655

■ 179.7920, 18.8365,
-21.7426

■ 2.8670, 8.4466,
-2.5144

■ 207.4930, 18.9840,
-22.3574

■ 0.0000, 0.0000,
0.0000

■ 233.3270, 10.6848,
-20.4578

■ 250.2160, 2.3585,

-9.8364

■ 76.6240, 16.9474,
-22.4722

■ 76.6240, 16.9474,
-22.4722

■ 70.4000, 20.0158,
-26.6608

■ 82.8480, 13.8789,
-18.2837

■ 64.1760, 23.0842,
-30.8494

■ 89.0720, 10.8105,
-14.0951

■ 57.3650, 26.4421,
-34.5231

■ 95.8830, 7.4527,
-10.4214

■ 51.1410, 29.5105,
-38.7117

■ 102.1070, 4.3842,
-6.2328

■ 47.2870, 31.4105,
-41.4707

■ 108.6300, 1.1684,
-1.4295

■ 114.8540, -1.9000,
2.7590

■ 121.0780, -4.9685,
6.9476

■ 127.3020, -8.0369,
11.1361

■ 134.1130,
-11.3947, 14.8099

Harmonies

Analogous

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



71.5960, 15.9752, -37.3567



76.6240, 16.9474, -22.4722



80.9360, 13.8356, -4.3289

Triad

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



76.6240, 16.9474, -22.4722



81.5580, -6.1911, 25.8206



75.5610, -7.6716, -12.7700

Complementary

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



76.6240, 16.9474, -22.4722



85.3760, -16.9474, 22.4722

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.



78.0420, -13.8247, 0.8402



76.6240, 16.9474, -22.4722



80.3420, -12.0006, 22.5021

Square

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



76.6240, 16.9474, -22.4722



81.8980, 1.5293, 22.8915



79.7770, -15.1731, 13.3506



72.7640, 1.1023, -26.9800

Rectangle

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



76.6240, 16.9474, -22.4722



82.2040, 10.7454, 6.8371



79.7770, -15.1731, 13.3506



76.3120, -10.0138, -8.1666

Sweetspot

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



76.6240, 16.9474, -22.4722



131.6660, 6.5737, -8.4771



89.4120, -5.1331, -33.6873



65.7050, 4.0894, -5.0033



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



76.6240, 16.9474, -22.4722



91.0660, 26.5895, -35.1379



59.0140, 25.6291, -7.0283



52.4450, 1.7526, -2.1443



51.2480, 33.8947, -44.9445



105.6420, 69.6895, -92.6480

Inverse Universe

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



72.5880, 5.1331, 33.6873



84.8060, 7.9836, 52.7901



102.9860, -25.6291, 7.0283



52.1360, 0.4260, 3.3887



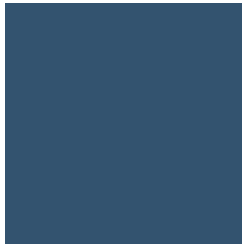
43.1760, 10.2662, 67.3746



88.9010, 21.2478, 138.6528

Previews

White Background



This preview shows how the YUV color 76.6240, 16.9474, -22.4722 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 76.6240, 16.9474, -22.4722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

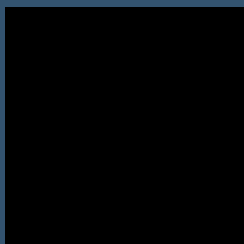
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

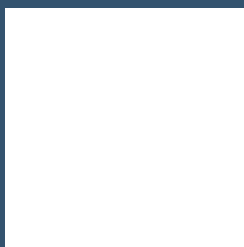
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.6240, 16.9474, -22.4722

Background



This preview shows how black text looks on a background with the YUV color 76.6240, 16.9474, -22.4722.

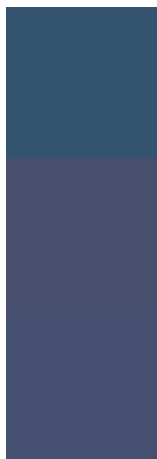


This preview shows how white text looks on a background with the YUV color 76.6240, 16.9474,

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

76.6240, 16.9474, -22.4722

Protanopia

80.2130, 13.6990, -7.2028

Deuteranopia

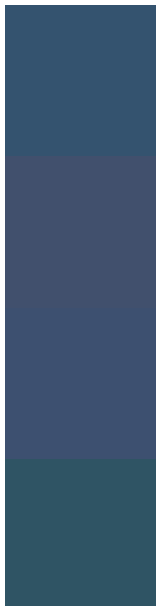
79.7720, 15.8884, -9.4470



Tritanopia

74.5390, 9.1013, -25.9057

Trichromacy



Original Color

76.6240, 16.9474, -22.4722

Protanomaly

78.5220, 15.0257, -12.7358

Deuteranomaly

78.2660, 16.6309, -14.2653

Tritanomaly

75.3480, 12.1534, -24.8612

Monochromacy



Original Color

76.6240, 16.9474, -22.4722

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8510, 5.9895, -7.7623

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6240, 16.9474, -22.4722 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(51, 83, 111)` looks like.

```
.text, #text, p{  
    color:rgb(51, 83, 111)  
}
```

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(51, 83, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 83, 111) }
```

Border

The CSS property to change the border of an element to YUV 76.6240, 16.9474, -22.4722 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(51, 83, 111) }
```


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

```
.border{ border-color:rgb(51, 83, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 83, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 83, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 83, 111);  
box-shadow:4px 4px 4px 4px rgb(51, 83,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 76.6240, 16.9474, -22.4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 83, 111) }
```

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

```
.background{ background-color: rgb(51, 83,  
111) }
```

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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