

Converting Colors

YUV(73.4760, 21.4573,
-22.3425)

Have a look what the booklet for
YUV(73.4760, 21.4573, -22.3425)
contains.

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Color

**YUV(73.4760, 21.4573,
-22.3425)**

Conversions

Conversions Part 1

Format	Color
Hex	304E75
RGB	48, 78, 117
RGB Percent	19%, 31%, 46%
CMY	0.8118, 0.6941, 0.5412
CMYK	0.59, 0.33, 0.00, 0.54
HSL	214°, 42%, 32%
HSV	214°, 59%, 46%
XYZ	7.1542, 7.3615, 17.8735
YIQ	73.4760, -30.3990, 5.7690

Conversions

Conversions Part 2

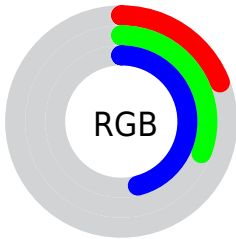
Format	Color
R_{YB}	48, 69, 117
Decimal	3165813
CIE _{Lab}	32.62, 1.56, -25.69
CIE _{LCh}	33, 25.734, 273.473
Yxy	7.3615, 0.2209, 0.2273
Android (android.graphics.Color)	4281355893 (0xFF304E75)
YUV	73.4760, 21.4573, -22.3425
Hunter-Lab	27.1321, -0.4143, -20.0652

Details

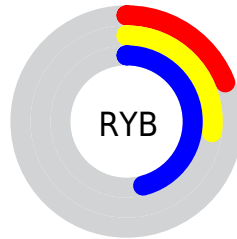
The YUV color **73.4760, 21.4573, -22.3425** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **91.5240, -21.4573, 22.3425**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7150, 22.3255, -20.7981**, and **27.7100, 19.8630, -24.3017** is the 20% darker color. If you saturate the color by 10%, you get **65.7790, 25.2520, -26.1162**, and if you desaturate by 10%, it is **81.1730, 17.6627, -18.5687**.

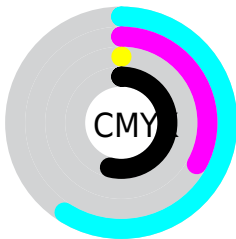
Distribution



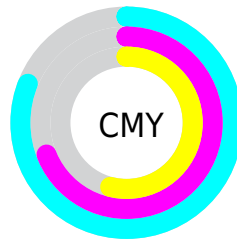
- Red (19%)
- Green (31%)
- Blue (46%)



- Red (19%)
- Yellow (27%)
- Blue (46%)



- Cyan (59%)
- Magenta (33%)
- Yellow (0%)
- Black (54%)



- Cyan (81%)
- Magenta (69%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.4760, 21.4573, -22.3425 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 73.4760, 21.4573, -22.3425 by changing the saturation by 10% instead.

■ 73.4760, 21.4573,
-22.3425

■ 73.4760, 21.4573,
-22.3425

■ 255.0000, 0.0000,
0.0000

■ 48.7530, 21.3208,
-25.2164

■ 123.7150, 22.3255,
-20.7981

■ 27.7100, 19.8630,
-24.3017

■ 149.9430, 23.1991,
-20.9980

■ 11.7010, 16.9094,
-10.2618

■ 176.4700, 23.9253,
-20.5832

■ 3.4370, 10.6306,
-3.0142

■ 204.4700, 23.9253,
-20.5832

■ 0.0000, 0.0000,
0.0000

■ 229.5060, 12.5685,
-17.9838

■ 249.9170, 2.5059,

-10.4512

■ 73.4760, 21.4573,
-22.3425

■ 73.4760, 21.4573,
-22.3425

■ 65.7790, 25.2520,
-26.1162

■ 81.1730, 17.6627,
-18.5687

■ 58.9680, 28.6098,
-29.7899

■ 87.9840, 14.3049,
-14.8950

■ 51.2710, 32.4044,
-33.5637

■ 95.6810, 10.5103,
-11.1212

■ 44.1610, 35.9096,
-37.8522

■ 102.7910, 7.0050,
-6.8327

■ 43.2750, 36.3464,
-37.9522

■ 110.1890, 3.3578,
-3.6738

■ 117.8860, -0.4368,
0.1000

■ 124.9960, -3.9420,
4.3885

■ 132.6930, -7.7366,
8.1622

■ 140.0910,
-11.3839, 11.3212

Harmonies

Analogous

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



62.1900, 25.0493, -54.5406



73.4760, 21.4573, -22.3425



78.8490, 15.8504, 2.7634

Triad

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



73.4760, 21.4573, -22.3425



77.3370, -11.0121, 32.1535



69.0540, -5.4496, -25.4804

Complementary

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



73.4760, 21.4573, -22.3425



91.5240, -21.4573, 22.3425

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.



72.6560, -15.1134, -5.8373



73.4760, 21.4573, -22.3425



76.2730, -17.3896, 24.3166

Square

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



73.4760, 21.4573, -22.3425



77.8560, -1.4080, 31.6983



74.6150, -19.5302, 10.8616



59.9610, 8.8932, -52.5858

Rectangle

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



73.4760, 21.4573, -22.3425



79.5580, 10.5709, 16.1736



74.6150, -19.5302, 10.8616



70.4740, -9.1077, -18.8327

Sweetspot

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



73.4760, 21.4573, -22.3425



135.2360, 8.7577, -8.9770



92.8350, -3.3697, -39.3203



66.0470, 5.3998, -5.3032



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



73.4760, 21.4573, -22.3425



84.6020, 33.7202, -35.6080



56.7630, 29.6968, -5.0542



54.8580, 2.0420, -1.6295



45.0190, 37.9516, -39.4817



92.4830, 77.6559, -81.1076

Inverse Universe

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



72.0510, 2.9329, 39.4203



82.0630, 4.8989, 62.2117



108.2370, -29.6968, 5.0542



55.0220, -0.0108, 3.4887



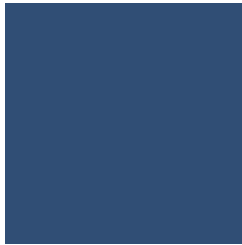
42.5200, 5.1666, 69.7040



87.1760, 10.7592, 142.7966

Previews

White Background



This preview shows how the YUV color 73.4760, 21.4573, -22.3425 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 73.4760, 21.4573, -22.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

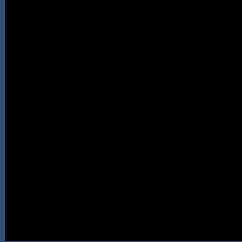
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.4760, 21.4573, -22.3425

Background



This preview shows how black text looks on a background with the YUV color 73.4760, 21.4573, -22.3425.

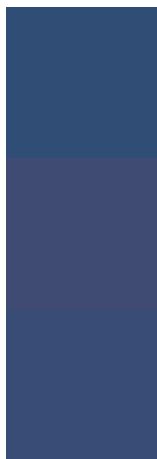


This preview shows how white text looks on a background with the YUV color 73.4760, 21.4573,

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

73.4760, 21.4573, -22.3425

Protanopia

75.9720, 19.2408, -11.3764

Deuteranopia

74.6940, 20.8569, -16.3946



Tritanopia

69.7450, 9.9857, -29.5944

Trichromacy



Original Color

73.4760, 21.4573, -22.3425

Protanomaly

75.1780, 20.1252, -15.0651

Deuteranomaly

74.3840, 21.0097, -18.7538

Tritanomaly

70.9070, 14.3428, -27.1054

Monochromacy



Original Color

73.4760, 21.4573, -22.3425

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.3070, 7.7366, -8.1622

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.4760, 21.4573, -22.3425 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(48, 78, 117)` looks like.

```
.text, #text, p{  
    color:rgb(48, 78, 117)  
}
```

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(48, 78, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 78, 117) }
```

Border

The CSS property to change the border of an element to YUV 73.4760, 21.4573, -22.3425 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(48, 78, 117) }
```


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

```
.border{ border-color:rgb(48, 78, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 78, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 78, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 78, 117);  
box-shadow:4px 4px 4px 4px rgb(48, 78,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 73.4760, 21.4573, -22.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 78, 117) }
```

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

```
.background{ background-color: rgb(48, 78,  
117) }
```

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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