

Converting Colors

YUV(77.6390, 4.1220, -15.4694)

Have a look what the booklet for
YUV(77.6390, 4.1220, -15.4694)
contains.

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Color

**YUV(77.6390, 4.1220,
-15.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5556
RGB	60, 85, 86
RGB Percent	24%, 33%, 34%
CMY	0.7647, 0.6667, 0.6627
CMYK	0.30, 0.01, 0.00, 0.66
HSL	182°, 18%, 29%
HSV	182°, 30%, 34%
XYZ	6.7917, 8.1295, 10.0153
YIQ	77.6390, -15.2210, -4.9890

Conversions

Conversions Part 2

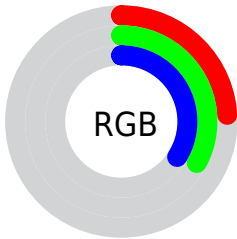
Format	Color
RYB	60, 73, 86
Decimal	3954006
CIELab	34.25, -9.12, -3.64
CIELCh	34, 9.817, 201.772
Yxy	8.1295, 0.2724, 0.3260
Android (android.graphics.Color)	4282144086 (0xFF3C5556)
YUV	77.6390, 4.1220, -15.4694
Hunter-Lab	28.5124, -7.3776, -0.8677

Details

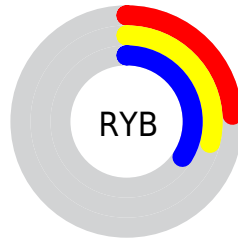
The YUV color **77.6390, 4.1220, -15.4694** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.3610, -4.1220, 15.4694**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.0410, 4.4168, -16.6990**, and **32.6390, 4.1220, -15.4694** is the 20% darker color. If you saturate the color by 10%, you get **74.9480, 5.4486, -21.0024**, and if you desaturate by 10%, it is **80.3300, 2.7953, -9.9364**.

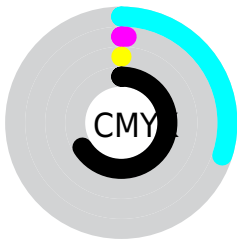
Distribution



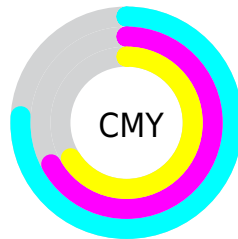
- Red (24%)
- Green (33%)
- Blue (34%)



- Red (24%)
- Yellow (29%)
- Blue (34%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (66%)



- Cyan (76%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.6390, 4.1220, -15.4694 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 77.6390, 4.1220, -15.4694 by changing the saturation by 10% instead.

■ 77.6390, 4.1220,
-15.4694

■ 77.6390, 4.1220,
-15.4694

■ 255.0000, 0.0000,
0.0000

■ 54.6390, 4.1220,
-15.4694

■ 127.0410, 4.4168,
-16.6990

■ 32.6390, 4.1220,
-15.4694

■ 153.0410, 4.4168,
-16.6990

■ 14.1340, 3.3849,
-12.3955

■ 179.7420, 4.5642,
-17.3137

■ 0.0000, 0.0000,
0.0000

■ 207.4430, 4.7116,
-17.9285

■ 235.4430, 4.7116,
-17.9285

■ 251.7110, 1.6215,

-6.7625

■ 77.6390, 4.1220,
-15.4694

■ 77.6390, 4.1220,
-15.4694

■ 74.9480, 5.4486,
-21.0024

■ 80.3300, 2.7953,
-9.9364

■ 71.9690, 6.9173,
-25.4058

■ 83.3090, 1.3267,
-5.5330

■ 69.2780, 8.2439,
-30.9388

■ 86.0000, 0.0000,
0.0000

■ 66.8860, 9.4232,
-35.8570

■ 88.3920, -1.1793,
4.9182

■ 63.6080, 11.0393,
-40.8752

■ 91.6700, -2.7953,
9.9364

■ 60.9170, 12.3659,
-46.4082

■ 94.3610, -4.1220,
15.4694

■ 58.5250, 13.5452,
-51.3264

■ 96.7530, -5.3012,
20.3876

■ 100.0310, -6.9173,
25.4058

■ 102.4230, -8.0965,
30.3240

Harmonies

Analogous

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



77.9230, 0.0380, -12.2105



77.6390, 4.1220, -15.4694



78.3340, 6.7373, -14.3249

Triad

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



77.6390, 4.1220, -15.4694



82.0700, 3.9095, 6.0776



80.3940, -7.5892, 7.5475

Complementary

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



77.6390, 4.1220, -15.4694



68.3610, -4.1220, 15.4694

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.



81.4700, -6.1477, 11.8658



77.6390, 4.1220, -15.4694



81.8920, 0.5462, 11.4957

Square

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



77.6390, 4.1220, -15.4694



80.8240, 6.9888, -1.5996



81.5780, -3.2430, 13.5251



79.8770, -6.8414, 0.9849

Rectangle

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



77.6390, 4.1220, -15.4694



79.2850, 7.7475, -11.6509



81.5780, -3.2430, 13.5251



80.5190, -7.1579, 9.1918

Sweetspot

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



77.6390, 4.1220, -15.4694



109.0100, 1.4741, -6.1478



75.3760, -7.0874, -13.4848



54.2060, 0.8844, -3.6887



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



77.6390, 4.1220, -15.4694



99.4530, 6.1857, -24.0763



70.0080, 7.8841, -8.7770



41.8040, 0.5896, -2.4591



72.6590, 16.9301, -63.7219



159.4520, 37.2452, -139.8394

Inverse Universe

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



70.6240, 7.0874, 13.4848



88.4060, 11.1388, 20.6919



75.9920, -7.8841, 8.7770



40.6520, 1.1576, 2.0592



43.7350, 29.2176, 55.4834



96.0290, 64.0757, 121.8776

Previews

White Background



This preview shows how the YUV color 77.6390, 4.1220, -15.4694 looks on a white background.

Color Contrast Check

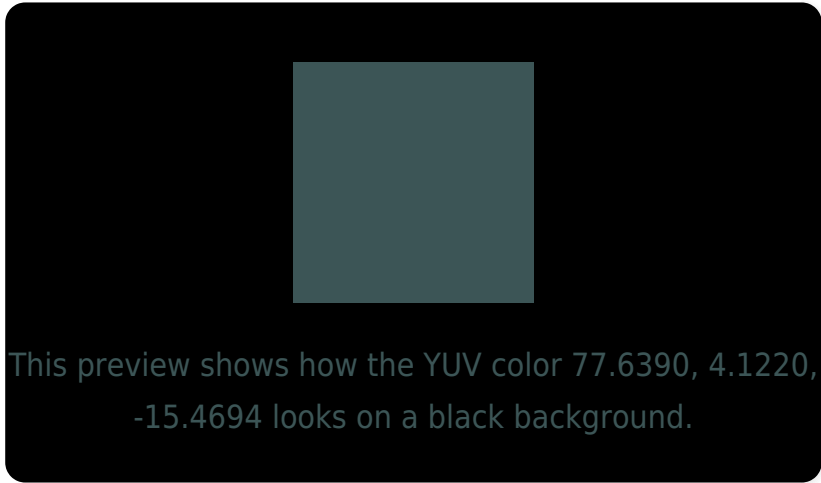
Large Text (above 18pt) WCAG AA ✓ Pass

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

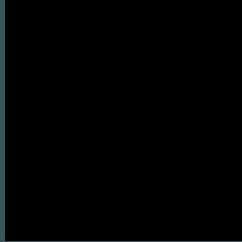
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

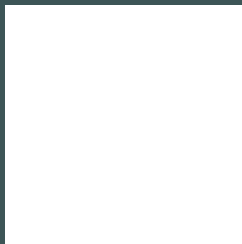
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 77.6390, 4.1220, -15.4694

Background



This preview shows how black text looks on a background with the YUV color 77.6390, 4.1220, -15.4694.



This preview shows how white text looks on a background with the YUV color 77.6390, 4.1220, -15.4694.

-15.4694.

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

77.6390, 4.1220, -15.4694

Protanopia

80.6410, 1.1630, 0.3148

Deuteranopia

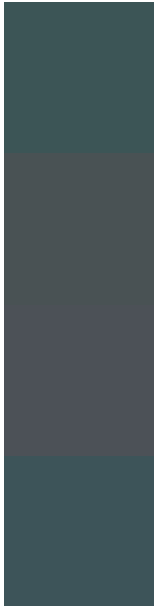
81.1190, 2.8993, 3.4036



Tritanopia

77.9210, 6.4479, -14.8397

Trichromacy



Original Color

77.6390, 4.1220, -15.4694

Protanomaly

79.5370, 2.2003, -5.7329

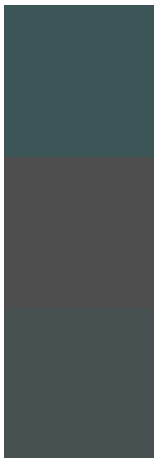
Deuteranomaly

80.1890, 3.3578, -3.6738

Tritanomaly

77.6930, 5.5744, -14.6398

Monochromacy



Original Color

77.6390, 4.1220, -15.4694

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.6390, 4.1220, -15.4694 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(60, 85, 86)` looks like.

```
.text, #text, p{  
    color:rgb(60, 85, 86)  
}
```

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(60, 85, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 85, 86) }
```

Border

The CSS property to change the border of an element to YUV 77.6390, 4.1220, -15.4694 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(60, 85, 86) }
```


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

```
.border{ border-color:rgb(60, 85, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 85, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 85, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 85, 86);  
box-shadow:4px 4px 4px 4px rgb(60, 85, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.6390, 4.1220, -15.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 85, 86) }
```

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

```
.background{ background-color: rgb(60, 85,  
86) }
```

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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