

Converting Colors

YUV(85.6390, 4.1220, -15.4694)

Have a look what the booklet for
YUV(85.6390, 4.1220, -15.4694)
contains.

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Color

**YUV(85.6390, 4.1220,
-15.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	445D5E
RGB	68, 93, 94
RGB Percent	27%, 36%, 37%
CMY	0.7333, 0.6353, 0.6314
CMYK	0.28, 0.01, 0.00, 0.63
HSL	182°, 16%, 32%
HSV	182°, 28%, 37%
XYZ	8.3186, 9.8658, 12.0555
YIQ	85.6390, -15.2210, -4.9890

Conversions

Conversions Part 2

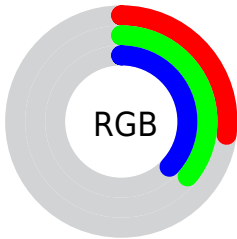
Format	Color
R_{YB}	68, 81, 94
Decimal	4480350
CIE _{Lab}	37.60, -9.04, -3.62
CIE _{LCh}	38, 9.741, 201.831
Yxy	9.8658, 0.2751, 0.3263
Android (android.graphics.Color)	4282670430 (0xFF445D5E)
YUV	85.6390, 4.1220, -15.4694
Hunter-Lab	31.4099, -7.6931, -0.7694

Details

The YUV color **85.6390, 4.1220, -15.4694** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.3610, -4.1220, 15.4694**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3400, 4.2694, -16.0842**, and **39.9380, 3.9746, -14.8546** is the 20% darker color. If you saturate the color by 10%, you get **82.9480, 5.4486, -21.0024**, and if you desaturate by 10%, it is **88.3300, 2.7953, -9.9364**.

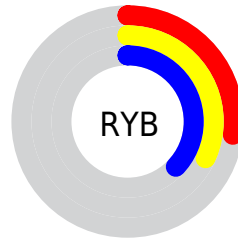
Distribution



Red (27%)

Green (36%)

Blue (37%)



Red (27%)

Yellow (32%)

Blue (37%)

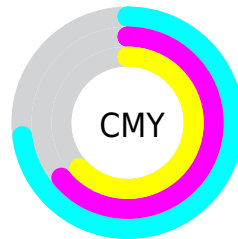


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (63%)



Cyan (73%)

Magenta (64%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6390, 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 85.6390, 4.1220, -15.4694 by changing the saturation by 10% instead.

■ 85.6390, 4.1220,
-15.4694

■ 85.6390, 4.1220,
-15.4694

255.0000, 0.0000,
0.0000

■ 61.9380, 3.9746,
-14.8546

■ 135.3400, 4.2694,
-16.0842

■ 39.9380, 3.9746,
-14.8546

■ 162.0410, 4.4168,
-16.6990

■ 18.9270, 3.9800,
-16.5990

■ 188.7420, 4.5642,
-17.3137

■ 0.0000, 0.0000,
0.0000

■ 216.7420, 4.5642,
-17.3137

■ 245.4430, 4.7116,
-17.9285

254.7010, 0.1474,

-0.6148

■ 85.6390, 4.1220,
-15.4694

■ 85.6390, 4.1220,
-15.4694

■ 82.9480, 5.4486,
-21.0024

■ 88.3300, 2.7953,
-9.9364

■ 79.3710, 7.2121,
-26.6354

■ 91.9070, 1.0318,
-4.3034

■ 76.6800, 8.5388,
-32.1684

■ 94.5980, -0.2948,
1.2296

■ 73.6900, 10.0128,
-38.3161

■ 97.5880, -1.7689,
7.3773

■ 70.4120, 11.6289,
-43.3343

■ 100.8660, -3.3849,
12.3955

■ 67.7210, 12.9555,
-48.8673

■ 103.5570, -4.7116,
17.9285

■ 64.1440, 14.7190,
-54.5003

■ 107.1340, -6.4751,
23.5615

■ 63.5460, 15.0138,
-55.7298

■ 109.8250, -7.8017,
29.0945

■ 112.8150, -9.2758,
35.2422

Harmonies

Analogous

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



85.9230, 0.0380, -12.2105



85.6390, 4.1220, -15.4694



86.4480, 7.1741, -14.4249

Triad

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



85.6390, 4.1220, -15.4694



90.0700, 3.9095, 6.0776



88.3940, -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.



85.6390, 4.1220, -15.4694



76.3610, -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.



89.3560, -6.5845, 11.9658



85.6390, 4.1220, -15.4694



89.8920, 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.



85.6390, 4.1220, -15.4694



88.8240, 6.9888, -1.5996



89.5780, -3.2430, 13.5251



87.8770, -6.8414, 0.9849

Rectangle

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



85.6390, 4.1220, -15.4694



87.2850, 7.7475, -11.6509



89.5780, -3.2430, 13.5251



88.5190, -7.1579, 9.1918

Sweetspot

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



85.6390, 4.1220, -15.4694



119.3090, 1.3267, -5.5330



83.3760, -7.0874, -13.4848



59.2060, 0.8844, -3.6887



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



85.6390, 4.1220, -15.4694



109.4530, 6.1857, -24.0763



78.0080, 7.8841, -8.7770



44.5050, 0.7370, -3.0739



74.1750, 17.6617, -65.0515



160.8540, 37.5400, -141.0690

Inverse Universe

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



78.6240, 7.0874, 13.4848



98.4060, 11.1388, 20.6919



83.9920, -7.8841, 8.7770



43.0650, 1.4470, 2.5740



44.8600, 29.6490, 57.1278



96.8550, 64.6545, 122.9072

Previews

White Background



This preview shows how the YUV color 85.6390, 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



This preview shows how the YUV color 85.6390, 4.1220, -15.4694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

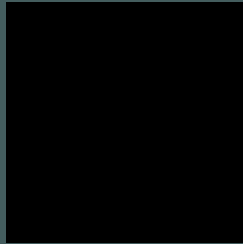
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6390, 4.1220, -15.4694

Background



This preview shows how black text looks on a background with the YUV color 85.6390, 4.1220, -15.4694.



This preview shows how white text looks on a background with the YUV color 85.6390, 4.1220,

-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

85.6390, 4.1220, -15.4694

Protanopia

88.6410, 1.1630, 0.3148

Deuteranopia

89.2330, 3.3361, 3.3037



Tritanopia

86.0350, 6.8847, -14.9397

Trichromacy



Original Color

85.6390, 4.1220, -15.4694

Protanomaly

87.5370, 2.2003, -5.7329

Deuteranomaly

88.1890, 3.3578, -3.6738

Tritanomaly

85.8070, 6.0111, -14.7397

Monochromacy



Original Color

85.6390, 4.1220, -15.4694

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6390, 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(68, 93, 94)` looks like.

```
.text, #text, p{  
    color:rgb(68, 93, 94)  
}
```

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(68, 93, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 93, 94) }
```

Border

The CSS property to change the border of an element to YUV 85.6390, 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(68, 93, 94) }
```


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

```
.border{ border-color:rgb(68, 93, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 93, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 93, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 93, 94);  
box-shadow:4px 4px 4px 4px rgb(68, 93, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.6390, 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(68, 93, 94) }
```

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

```
.background{ background-color: rgb(68, 93,  
94) }
```

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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