

Converting Colors

YUV(59.3610, -7.5730, 2.3144)

Have a look what the booklet for
YUV(59.3610, -7.5730, 2.3144)
contains.

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Color

**YUV(59.3610, -7.5730,
2.3144)**

Conversions

Conversions Part 1

Format	Color
Hex	3E3D2C
RGB	62, 61, 44
RGB Percent	24%, 24%, 17%
CMY	0.7569, 0.7608, 0.8275
CMYK	0.00, 0.02, 0.29, 0.76
HSL	57°, 17%, 21%
HSV	57°, 29%, 24%
XYZ	4.1100, 4.5435, 3.0432
YIQ	59.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

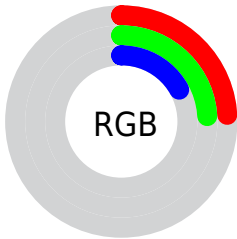
Format	Color
R_{YB}	45, 62, 44
Decimal	4078892
CIE Lab	25.39, -2.92, 10.67
CIE LCh	25, 11.063, 105.295
Yxy	4.5435, 0.3514, 0.3884
Android (android.graphics.Color)	4282268972 (0xFF3E3D2C)
YUV	59.3610, -7.5730, 2.3144
Hunter-Lab	21.3154, -2.8842, 6.4559

Details

The YUV color **59.3610, -7.5730, 2.3144** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.6390, 7.5730, -2.3144**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.5460, -8.1572, 3.0292**, and **17.1330, -8.4466, 2.5144** is the 20% darker color. If you saturate the color by 10%, you get **58.6770, -10.1938, 2.9143**, and if you desaturate by 10%, it is **60.0450, -4.9522, 1.7145**.

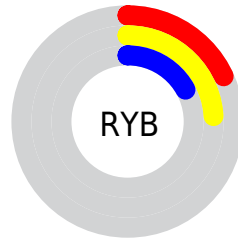
Distribution



Red (24%)

Green (24%)

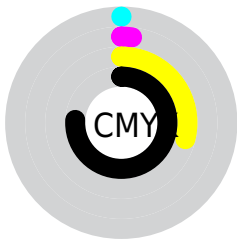
Blue (17%)



Red (18%)

Yellow (24%)

Blue (17%)

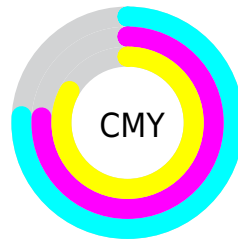


Cyan (0%)

Magenta (2%)

Yellow (29%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.3610, -7.5730, 2.3144 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 59.3610, -7.5730, 2.3144 by changing the saturation by 10% instead.

■ 59.3610, -7.5730,
2.3144

■ 59.3610, -7.5730,
2.3144

■ 255.0000, 0.0000,
0.0000

■ 37.4750, -7.1362,
2.2144

■ 106.5460, -8.1572,
3.0292

■ 17.1330, -8.4466,
2.5144

■ 132.0190, -8.8834,
2.6143

■ 0.0000, 0.0000,
0.0000

■ 158.0190, -8.8834,
2.6143

■ 185.2040, -9.4676,
3.3291

■ 212.2040, -9.4676,
3.3291

■ 241.0900, -9.9044,

3.4291

254.4300, -2.1840,
0.4999

■ 59.3610, -7.5730,
2.3144

■ 59.3610, -7.5730,
2.3144

■ 58.6770, -10.1938,
2.9143

■ 60.0450, -4.9522,
1.7145

■ 57.4060, -12.5252,
4.0289

■ 61.3160, -2.6208,
0.5999

■ 56.6080, -15.5827,
4.7288

■ 62.1140, 0.4368,
-0.1000

■ 55.9240, -18.2035,
5.3287

■ 62.7980, 3.0576,
-0.6998

■ 54.6530, -20.5349,
6.4433

■ 64.0690, 5.3890,
-1.8145

■ 53.9690, -23.1557,
7.0432

■ 64.7530, 8.0098,
-2.4144

■ 53.2850, -25.7765,
7.6431

■ 65.4370, 10.6306,
-3.0142

■ 53.1710, -26.2133,
7.7430

■ 66.8220, 13.3988,
-4.2289

■ 67.5060, 16.0195,
-4.8288

Harmonies

Analogous

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



59.9920, -7.8841, 8.7770



59.3610, -7.5730, 2.3144



58.0010, -4.9305, -5.2629

Triad

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



59.3610, -7.5730, 2.3144



56.8390, 7.4744, -17.3988



61.8210, 1.5672, 10.6810

Complementary

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



59.3610, -7.5730, 2.3144



46.6390, 7.5730, -2.3144

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.



61.7000, 5.0779, 4.6481



59.3610, -7.5730, 2.3144



58.5130, 8.6211, -11.8509

Square

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



59.3610, -7.5730, 2.3144



56.5140, 3.6906, -17.1138



60.0410, 7.8678, -3.5440



61.1050, -2.5168, 13.9399

Rectangle

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



59.3610, -7.5730, 2.3144



57.3640, -2.1515, -9.9662



60.0410, 7.8678, -3.5440



61.4510, 2.7357, 9.2515

Sweetspot

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



59.3610, -7.5730, 2.3144



80.5010, -3.2050, 1.3146



49.4960, -2.2165, 10.9660



40.4300, -2.1840, 0.4999



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



59.3610, -7.5730, 2.3144



77.5200, -12.0884, 3.9290



57.5560, -6.6831, -3.1186



30.0710, -1.0210, 0.8147



80.3490, -39.6121, 11.9719



189.6480, -93.4965, 28.3727

Inverse Universe

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



46.6390, 7.5730, -2.3144



57.4800, 12.0884, -3.9290



48.4440, 6.6831, 3.1186



28.3420, 1.3104, -0.2999



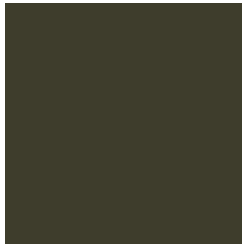
13.6510, 39.6121, -11.9719



32.3520, 93.4965, -28.3727

Previews

White Background



This preview shows how the YUV color 59.3610, -7.5730, 2.3144 looks on a white background.

Color Contrast Check

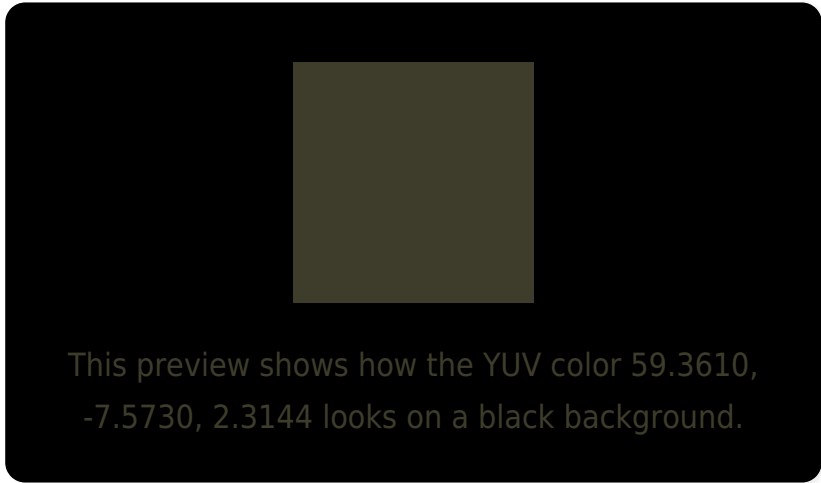
Large Text (above 18pt) WCAG AA ✓ Pass

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

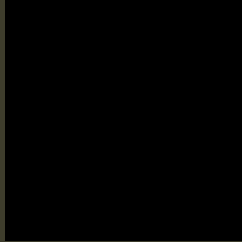
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.3610, -7.5730, 2.3144

Background



This preview shows how black text looks on a background with the YUV color 59.3610, -7.5730, 2.3144.

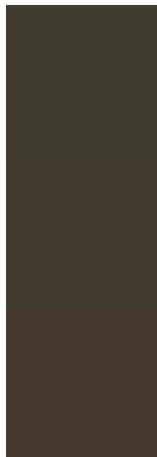


This preview shows how white text looks on a background with the YUV color 59.3610, -7.5730,

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

59.3610, -7.5730, 2.3144

Protanopia

59.6710, -7.7258, 4.6735

Deuteranopia

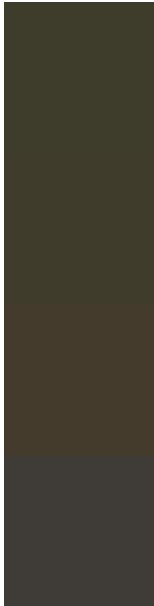
60.4050, -7.5947, 9.2918



Tritanopia

60.9510, 1.0102, 2.6740

Trichromacy



Original Color

59.3610, -7.5730, 2.3144

Protanomaly

59.3720, -7.5784, 4.0588

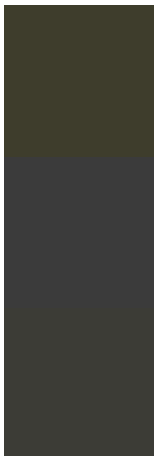
Deuteranomaly

60.0950, -7.4418, 6.9327

Tritanomaly

60.4410, -2.1894, 2.2442

Monochromacy



Original Color

59.3610, -7.5730, 2.3144

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.3160, -2.6208, 0.5999

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.3610, -7.5730, 2.3144 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(62, 61, 44)` looks like.

```
.text, #text, p{  
    color:rgb(62, 61, 44)  
}
```

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(62, 61, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 61, 44) }
```

Border

The CSS property to change the border of an element to YUV 59.3610, -7.5730, 2.3144 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(62, 61, 44) }
```


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

```
.border{ border-color:rgb(62, 61, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 61, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 61, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 61, 44);  
box-shadow:4px 4px 4px 4px rgb(62, 61, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.3610, -7.5730, 2.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 61, 44) }
```

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

```
.background{ background-color: rgb(62, 61,  
44) }
```

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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