

Converting Colors

YUV(116.3970, -25.8317,
-21.3962)

Have a look what the booklet for
YUV(116.3970, -25.8317, -21.3962)
contains.

YUV(116.3970, -25.8317, -21.3962)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.3970, -25.8317,
-21.3962)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8B40
RGB	92, 139, 64
RGB Percent	36%, 55%, 25%
CMY	0.6392, 0.4549, 0.7490
CMYK	0.34, 0.00, 0.54, 0.45
HSL	98°, 37%, 40%
HSV	98°, 54%, 55%
XYZ	14.5717, 21.1107, 8.1573
YIQ	116.3970, -3.9370, -33.2890

Conversions

Conversions Part 2

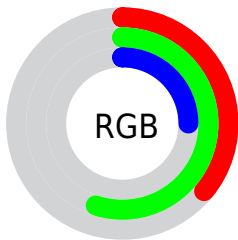
Format	Color
R_{YB}	64, 139, 111
Decimal	6064960
CIE _{Lab}	53.07, -30.11, 34.77
CIE _{LCh}	53, 46.001, 130.891
Yxy	21.1107, 0.3324, 0.4815
Android (android.graphics.Color)	4284255040 (0xFF5C8B40)
YUV	116.3970, -25.8317, -21.3962
Hunter-Lab	45.9464, -23.7958, 21.6362

Details

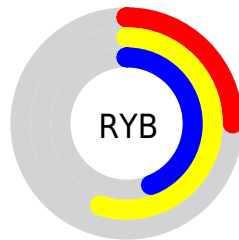
The YUV color **116.3970, -25.8317, -21.3962** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **86.6030, 25.8317, 21.3962**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6420, -27.4315, -21.6110**, and **65.6250, -24.9581, -21.5961** is the 20% darker color. If you saturate the color by 10%, you get **112.1100, -30.6202, -25.5295**, and if you desaturate by 10%, it is **120.6840, -21.0432, -17.2629**.

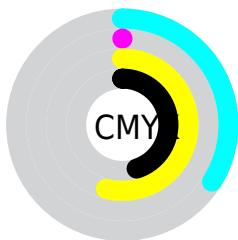
Distribution



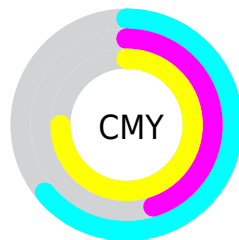
- Red (36%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (44%)



- Cyan (34%)
- Magenta (0%)
- Yellow (54%)
- Black (45%)



- Cyan (64%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3970, -25.8317, -21.3962 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 116.3970, -25.8317, -21.3962 by changing the saturation by 10% instead.

■ 116.3970,
-25.8317, -21.3962

■ 116.3970,
-25.8317, -21.3962

■ 255.0000, 0.0000,
0.0000

■ 90.9240, -25.1055,
-20.9813

■ 169.6420,
-27.4315, -21.6110

■ 65.6250, -24.9581,
-21.5961

■ 197.1150,
-28.1577, -22.0259

■ 42.6400, -21.0215,
-24.2403

■ 225.5880,
-28.8839, -22.4407

■ 24.6540, -12.1544,
-21.6216

■ 239.9730,
-22.6647, -10.5003

■ 11.1530, -5.4984,
-9.7812

■ 251.2380,
-14.4143, 3.2993

■ 0.0000, 0.0000,
0.0000

■ 254.5440, -1.7472,

0.3999

■ 116.3970,
-25.8317, -21.3962

■ 116.3970,
-25.8317, -21.3962

■ 112.1100,
-30.6202, -25.5295

■ 120.6840,
-21.0432, -17.2629

■ 108.1220,
-35.5561, -29.0480

■ 124.6720,
-16.1073, -13.7443

■ 103.8350,
-40.3447, -33.1813

■ 128.9590,
-11.3188, -9.6110

■ 99.5480, -45.1332,
-37.3146

■ 133.2460, -6.5303,
-5.4777

■ 97.1410, -47.8905,
-39.5887

■ 137.4190, -2.1786,
-1.2445

■ 141.4070, 2.7573,
2.2741

■ 145.6940, 7.5459,
6.4074

■ 149.9810, 12.3344,
10.5407

■ 153.9690, 17.2703,
14.0592

Harmonies

Analogous

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



121.1040, -38.0123, 12.1868



116.3970, -25.8317, -21.3962



100.2880, -0.6350, -76.5516

Triad

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



116.3970, -25.8317, -21.3962



103.9200, 47.8604, -91.1378



126.8000, -6.3104, 64.1964

Complementary

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



116.3970, -25.8317, -21.3962



86.6030, 25.8317, 21.3962

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.



129.5220, 12.0677, 49.5312



116.3970, -25.8317, -21.3962



121.7360, 40.5562, -34.8485

Square

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



116.3970, -25.8317, -21.3962



104.8200, 36.0777, -91.9271



130.1400, 28.0320, 15.6632



125.7720, -24.0446, 58.9590

Rectangle

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



116.3970, -25.8317, -21.3962



100.1800, 13.2223, -87.8579



130.1400, 28.0320, 15.6632



127.6840, -0.3372, 61.6671

Sweetspot

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



116.3970, -25.8317, -21.3962



172.3120, -10.0138, -8.1666



113.4270, -24.3675, 22.4275



86.6590, -6.2409, -4.9629



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



116.3970, -25.8317, -21.3962



145.4220, -40.6340, -33.6961



109.0510, -17.7731, -39.5097



67.0060, -2.4680, -1.7593



93.0210, -45.8594, -37.7294



3.5330, -1.7418, -1.3444

Inverse Universe

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



86.6030, 25.8317, 21.3962



98.5780, 40.6340, 33.6961



93.9490, 17.7731, 39.5097



63.9940, 2.4680, 1.7593



39.9790, 45.8594, 37.7294



1.4670, 1.7418, 1.3444

Previews

White Background



This preview shows how the YUV color 116.3970, -25.8317, -21.3962 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 116.3970, -25.8317, -21.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

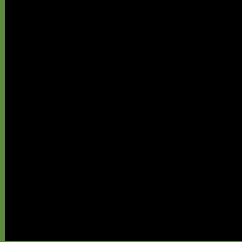
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.3970, -25.8317, -21.3962 Background



This preview shows how black text looks on a background with the YUV color 116.3970, -25.8317, -21.3962.



This preview shows how white text looks on a background with the YUV color 116.3970, -25.8317, -21.3962.

-21.3962.

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

116.3970, -25.8317, -21.3962

Protanopia

122.6620, -30.8924, 15.2054

Deuteranopia

124.3520, -27.2885, 26.0013



Tritanopia

124.0670, 8.3480, -17.5988

Trichromacy



Original Color

116.3970, -25.8317, -21.3962

Protanomaly

120.6280, -29.3966, 2.0802

Deuteranomaly

121.3560, -26.7975, 8.4578

Tritanomaly

121.4400, -4.1609, -18.8029

Monochromacy



Original Color

116.3970, -25.8317, -21.3962

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8390, -9.2876, -7.7518

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3970, -25.8317, -21.3962 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(92, 139, 64)` looks like.

```
.text, #text, p{  
    color:rgb(92, 139, 64)  
}
```

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(92, 139, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 139, 64) }
```

Border

The CSS property to change the border of an element to YUV 116.3970, -25.8317, -21.3962 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(92, 139, 64) }
```


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

```
.border{ border-color:rgb(92, 139, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 139, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 139, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 139, 64);  
box-shadow:4px 4px 4px 4px rgb(92, 139,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 116.3970, -25.8317, -21.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 139, 64) }
```

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

```
.background{ background-color: rgb(92, 139,  
64) }
```

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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