

Converting Colors

YUV(96.3660, -25.3234, 2.3100)

Have a look what the booklet for
YUV(96.3660, -25.3234, 2.3100)
contains.

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Color

**YUV(96.3660, -25.3234,
2.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	63692D
RGB	99, 105, 45
RGB Percent	39%, 41%, 18%
CMY	0.6118, 0.5882, 0.8235
CMYK	0.06, 0.00, 0.57, 0.59
HSL	66°, 40%, 29%
HSV	66°, 57%, 41%
XYZ	10.6708, 12.9453, 4.4189
YIQ	96.3660, 15.6840, -19.9320

Conversions

Conversions Part 2

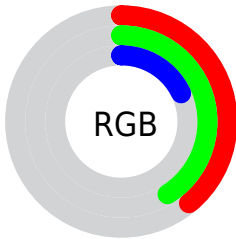
Format	Color
RYB	45, 105, 51
Decimal	6514989
CIELab	42.68, -11.73, 32.44
CIElCh	43, 34.498, 109.873
Yxy	12.9453, 0.3806, 0.4618
Android (android.graphics.Color)	4284705069 (0xFF63692D)
YUV	96.3660, -25.3234, 2.3100
Hunter-Lab	35.9795, -10.0246, 17.9038

Details

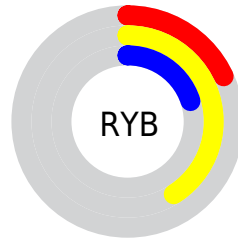
The YUV color **96.3660, -25.3234, 2.3100** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **53.6340, 25.3234, -2.3100**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3230, -26.7812, 3.2247**, and **48.9960, -24.1550, 0.8805** is the 20% darker color. If you saturate the color by 10%, you get **94.9270, -29.5440, 2.6950**, and if you desaturate by 10%, it is **97.9190, -20.6661, 1.8250**.

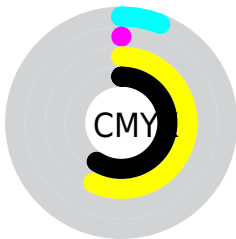
Distribution



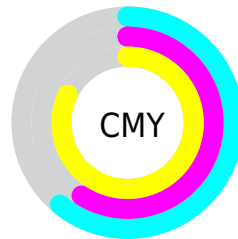
- Red (39%)
- Green (41%)
- Blue (18%)



- Red (18%)
- Yellow (41%)
- Blue (20%)



- Cyan (6%)
- Magenta (0%)
- Yellow (57%)
- Black (59%)



- Cyan (61%)
- Magenta (59%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3660, -25.3234, 2.3100 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 96.3660, -25.3234, 2.3100 by changing the saturation by 10% instead.

■ 96.3660, -25.3234,
2.3100

■ 96.3660, -25.3234,
2.3100

■ 255.0000, 0.0000,
0.0000

■ 72.1810, -24.7392,
1.5953

■ 147.3230,
-26.7812, 3.2247

■ 48.9960, -24.1550,
0.8805

■ 174.0950,
-27.6548, 3.4247

■ 29.5040, -14.5455,
-1.3190

■ 201.8670,
-28.5284, 3.6246

■ 9.9790, -4.9196,
-8.7516

■ 230.0520,
-29.1126, 4.3394

■ 0.0000, 0.0000,
0.0000

■ 248.6160,
-24.4607, 5.5988

■ 251.8080,

-12.2303, 2.7994

■ 96.3660, -25.3234,
2.3100

■ 96.3660, -25.3234,
2.3100

■ 94.9270, -29.5440,
2.6950

■ 97.9190, -20.6661,
1.8250

■ 93.3740, -34.2014,
3.1800

■ 99.3580, -16.4455,
1.4400

■ 91.8210, -38.8588,
3.6650

■ 100.9110,
-11.7881, 0.9551

■ 90.3820, -43.0793,
4.0500

■ 102.3500, -7.5675,
0.5701

■ 90.0400, -44.3897,
4.3499

■ 103.9030, -2.9102,
0.0851

■ 105.3420, 1.3104,
-0.2999

■ 106.7810, 5.5310,
-0.6849

■ 108.3340, 10.1883,
-1.1699

■ 109.8870, 14.8457,
-1.6549

Harmonies

Analogous

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



98.9280, -27.5725, 23.7421



96.3660, -25.3234, 2.3100



92.0730, -14.3330, -22.8660

Triad

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



96.3660, -25.3234, 2.3100



82.7470, 30.1977, -72.5691



103.1050, 4.3852, 40.2499

Complementary

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



96.3660, -25.3234, 2.3100



53.6340, 25.3234, -2.3100

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.



103.8880, 16.8172, 19.3922



96.3660, -25.3234, 2.3100



84.8930, 35.5488, -62.1732

Square

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



96.3660, -25.3234, 2.3100



81.0710, 18.6990, -71.0993



100.5080, 26.3716, -11.8465



101.2940, -9.0189, 46.2232

Rectangle

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



96.3660, -25.3234, 2.3100



86.5030, -3.2060, -45.1681



100.5080, 26.3716, -11.8465



103.5110, 8.6221, 34.6319

Sweetspot

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



96.3660, -25.3234, 2.3100



134.3670, -10.0409, 0.5551



66.4620, -10.5808, 33.7978



66.8060, -5.8204, 0.1701



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



96.3660, -25.3234, 2.3100



124.1800, -40.0217, 3.3501



87.6950, -21.0486, -15.5185



53.0170, -2.4734, -0.0149



100.3730, -49.4839, 4.9349



209.5950, -103.3303, 9.1252

Inverse Universe

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



53.6340, 25.3234, -2.3100



56.5210, 40.1691, -3.9649



62.6040, 20.9012, 16.1333



48.9830, 2.4734, 0.0149



16.9260, 49.3365, -4.3201



35.1060, 103.4777, -9.7400

Previews

White Background



This preview shows how the YUV color 96.3660, -25.3234, 2.3100 looks on a white background.

Color Contrast Check

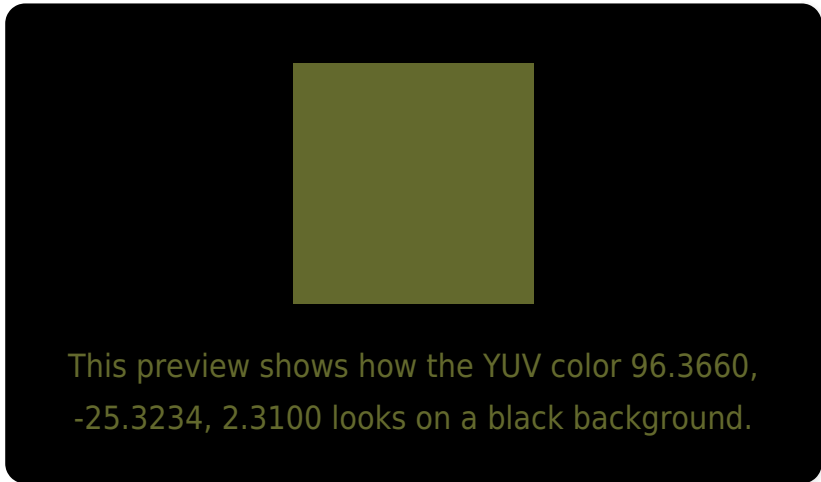
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

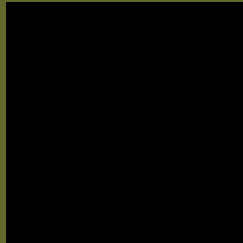
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3660, -25.3234, 2.3100

Background



This preview shows how black text looks on a background with the YUV color 96.3660, -25.3234, 2.3100.



This preview shows how white text looks on a background with the YUV color 96.3660, -25.3234,

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

96.3660, -25.3234, 2.3100

Protanopia

97.7910, -26.5190, 12.4613

Deuteranopia

98.9000, -25.0937, 22.0127



Tritanopia

101.5920, 2.1731, 2.9888

Trichromacy



Original Color

96.3660, -25.3234, 2.3100

Protanomaly

96.8830, -26.0713, 8.8726

Deuteranomaly

97.8560, -25.0720, 15.0353

Tritanomaly

99.6600, -7.7204, 2.9292

Monochromacy



Original Color

96.3660, -25.3234, 2.3100

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8940, -9.3147, 0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3660, -25.3234, 2.3100 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(99, 105, 45)` looks like.

```
.text, #text, p{  
    color:rgb(99, 105, 45)  
}
```

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(99, 105, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 105, 45) }
```

Border

The CSS property to change the border of an element to YUV 96.3660, -25.3234, 2.3100 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(99, 105, 45) }
```


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

```
.border{ border-color:rgb(99, 105, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 105, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 105, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 105, 45);  
box-shadow:4px 4px 4px 4px rgb(99, 105,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 96.3660, -25.3234, 2.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 105, 45) }
```

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

```
.background{ background-color: rgb(99, 105,  
45) }
```

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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