

Converting Colors

YUV(105.0310, 23.1557,
-7.0432)

Have a look what the booklet for
YUV(105.0310, 23.1557, -7.0432)
contains.

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Color

**YUV(105.0310, 23.1557,
-7.0432)**

Conversions

Conversions Part 1

Format	Color
Hex	616498
RGB	97, 100, 152
RGB Percent	38%, 39%, 60%
CMY	0.6196, 0.6078, 0.4039
CMYK	0.36, 0.34, 0.00, 0.40
HSL	237°, 22%, 49%
HSV	237°, 36%, 60%
XYZ	15.1544, 13.9227, 31.5944
YIQ	105.0310, -18.4800, 15.5360

Conversions

Conversions Part 2

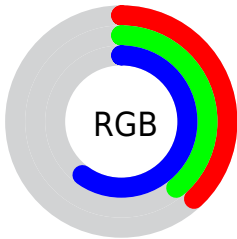
Format	Color
R_{YB}	97, 100, 152
Decimal	6382744
CIE _{Lab}	44.12, 11.98, -28.75
CIE _{LCh}	44, 31.145, 292.621
Yxy	13.9227, 0.2498, 0.2295
Android (android.graphics.Color)	4284572824 (0xFF616498)
YUV	105.0310, 23.1557, -7.0432
Hunter-Lab	37.3132, 7.1982, -24.0837

Details

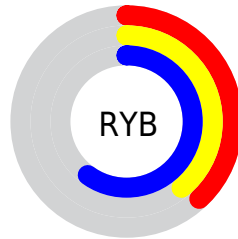
The YUV color **105.0310, 23.1557, -7.0432** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.9690, -23.1557, 7.0432**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7860, 24.7555, -6.8283**, and **57.2650, 21.5614, -9.0024** is the 20% darker color. If you saturate the color by 10%, you get **92.3280, 29.4183, -9.0577**, and if you desaturate by 10%, it is **117.7340, 16.8931, -5.0287**.

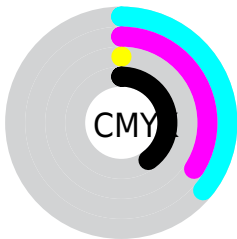
Distribution



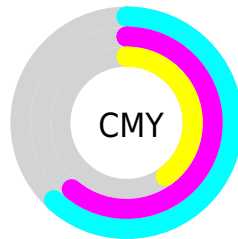
- Red (38%)
- Green (39%)
- Blue (60%)



- Red (38%)
- Yellow (39%)
- Blue (60%)



- Cyan (36%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.0310, 23.1557, -7.0432 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 105.0310, 23.1557, -7.0432 by changing the saturation by 10% instead.

■ 105.0310, 23.1557,
-7.0432

■ 105.0310, 23.1557,
-7.0432

■ 255.0000, 0.0000,
0.0000

■ 80.5040, 22.4295,
-7.4580

■ 156.7860, 24.7555,
-6.8283

■ 57.2650, 21.5614,
-9.0024

■ 183.6120, 25.3343,
-5.7987

■ 33.7270, 20.8406,
-11.1616

■ 210.7000, 21.8399,
-4.9989

■ 11.9120, 20.2564,
-10.4468

■ 235.5080, 9.6096,
-2.1995

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 105.0310, 23.1557,
-7.0432

■ 105.0310, 23.1557,
-7.0432

■ 92.3280, 29.4183,
-9.0577

■ 117.7340, 16.8931,
-5.0287

■ 79.0380, 35.9703,
-10.5573

■ 131.0240, 10.3412,
-3.5290

■ 66.0360, 42.3803,
-13.1866

■ 144.0260, 3.9312,
-0.8998

■ 53.3330, 48.6428,
-15.2010

■ 156.7290, -2.3314,
1.1147

■ 40.0430, 55.1948,
-16.7007

■ 170.0190, -8.8834,
2.6143

■ 27.3400, 61.4574,
-18.7152

■ 182.7220,
-15.1459, 4.6288

■ 22.0240, 64.0782,
-19.3150

■ 196.0120,
-21.6979, 6.1285

■ 209.0140,
-28.1079, 8.7577

■ 221.7170,
-34.3705, 10.7722

Harmonies

Analogous

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



96.0050, 29.0845, -42.1004



105.0310, 23.1557, -7.0432



107.2040, 14.1964, 19.9921

Triad

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



105.0310, 23.1557, -7.0432



104.0680, -19.7535, 35.8974



88.1090, 4.3833, -52.7156

Complementary

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



105.0310, 23.1557, -7.0432



143.9690, -23.1557, 7.0432

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.



96.0560, -11.8596, -22.8511



105.0310, 23.1557, -7.0432



102.8890, -25.0883, 20.2683

Square

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



105.0310, 23.1557, -7.0432



105.1580, -9.4449, 42.8344



100.4520, -22.4078, 0.4806



83.2880, 19.5780, -73.0436

Rectangle

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



105.0310, 23.1557, -7.0432



106.9300, 6.4435, 33.3874



100.4520, -22.4078, 0.4806



92.1660, -2.0538, -41.3646

Sweetspot

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



105.0310, 23.1557, -7.0432



177.9810, 8.8834, -2.6143



135.0990, 6.3602, -33.4128



88.3680, 5.2416, -1.1997



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



105.0310, 23.1557, -7.0432



124.5110, 35.2441, -10.9721



110.4460, 20.4861, 9.2559



69.9120, 3.4944, -0.7998



20.6560, 58.8366, -18.1153



2.0690, 5.3890, -1.8145

Inverse Universe

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



113.7870, -6.7970, 33.5128



137.6860, -10.1982, 51.1414



138.5540, -20.4861, -9.2559



71.3920, -1.1793, 4.9182



42.7720, -17.1426, 85.2690



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 105.0310, 23.1557, -7.0432 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



This preview shows how the YUV color 105.0310, 23.1557, -7.0432 looks on a 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 105.0310, 23.1557, -7.0432

Background



This preview shows how black text looks on a background with the YUV color 105.0310, 23.1557, -7.0432.



This preview shows how white text looks on a background with the YUV color 105.0310, 23.1557, -7.0432.

-7.0432.

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

105.0310, 23.1557, -7.0432

Protanopia

103.4430, 24.9246, -14.4205

Deuteranopia

103.0900, 23.6196, -15.8649



Tritanopia

102.6440, 6.5845, -11.9658

Trichromacy



Original Color

105.0310, 23.1557, -7.0432

Protanomaly

103.9380, 24.1876, -11.3466

Deuteranomaly

103.6990, 23.3194, -12.8910

Tritanomaly

103.2620, 12.6888, -9.8768

Monochromacy



Original Color

105.0310, 23.1557, -7.0432

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8670, 8.4466, -2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.0310, 23.1557, -7.0432 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(97, 100, 152)` looks like.

```
.text, #text, p{  
    color:rgb(97, 100, 152)  
}
```

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(97, 100, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 100, 152) }
```

Border

The CSS property to change the border of an element to YUV 105.0310, 23.1557, -7.0432 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(97, 100, 152) }
```


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

```
.border{ border-color:rgb(97, 100, 152) }
```

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

Here you see how a box with a 4 pixel rgb(97, 100, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 100, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 100, 152);  
box-shadow:4px 4px 4px 4px rgb(97, 100,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 105.0310, 23.1557, -7.0432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 100, 152) }
```

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

```
.background{ background-color: rgb(97, 100,  
152) }
```

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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