

Converting Colors

YUV(113.4390, 17.5316,
-23.1870)

Have a look what the booklet for
YUV(113.4390, 17.5316, -23.1870)
contains.

YUV(113.4390, 17.5316, -23.1870)	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(113.4390, 17.5316,
-23.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	577895
RGB	87, 120, 149
RGB Percent	34%, 47%, 58%
CMY	0.6588, 0.5294, 0.4157
CMYK	0.42, 0.19, 0.00, 0.42
HSL	208°, 26%, 46%
HSV	208°, 42%, 58%
XYZ	16.0718, 17.6291, 30.9895
YIQ	113.4390, -28.9770, 2.0230

Conversions

Conversions Part 2

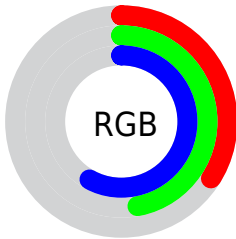
Format	Color
R _Y B	87, 109, 149
Decimal	5732501
CIE Lab	49.04, -3.87, -19.41
CIE LCh	49, 19.796, 258.729
Yxy	17.6291, 0.2484, 0.2725
Android (android.graphics.Color)	4283922581 (0xFF577895)
YUV	113.4390, 17.5316, -23.1870
Hunter-Lab	41.9870, -5.1512, -14.3694

Details

The YUV color **113.4390, 17.5316, -23.1870** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **122.5610, -17.5316, 23.1870**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6670, 18.4052, -23.3870**, and **64.2000, 16.6634, -24.7314** is the 20% darker color. If you saturate the color by 10%, you get **104.8450, 21.7684, -28.8051**, and if you desaturate by 10%, it is **122.0330, 13.2947, -17.5689**.

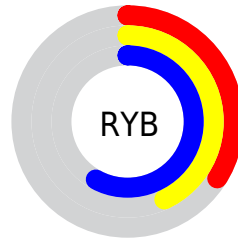
Distribution



Red (34%)

Green (47%)

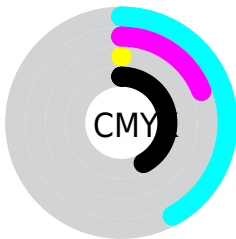
Blue (58%)



Red (34%)

Yellow (43%)

Blue (58%)

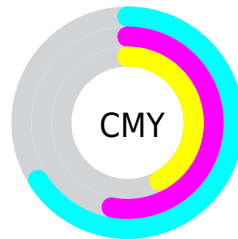


Cyan (42%)

Magenta (19%)

Yellow (0%)

Black (42%)



Cyan (66%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4390, 17.5316, -23.1870 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 113.4390, 17.5316, -23.1870 by changing the saturation by 10% instead.

■ 113.4390, 17.5316,
-23.1870

■ 113.4390, 17.5316,
-23.1870

■ 255.0000, 0.0000,
0.0000

■ 88.3250, 17.0948,
-23.0870

■ 165.6670, 18.4052,
-23.3870

■ 64.2000, 16.6634,
-24.7314

■ 192.7810, 18.8420,
-23.4869

■ 38.6940, 17.4059,
-29.5496

■ 220.3250, 17.0948,
-23.0870

■ 22.8370, 13.8844,
-20.0280

■ 245.4320, 4.7170,
-19.6729

■ 4.7080, 12.9620,
-4.1289

■ 254.1030, 0.4422,
-1.8443

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 113.4390, 17.5316,
-23.1870

■ 113.4390, 17.5316,
-23.1870

■ 104.8450, 21.7684,
-28.8051

■ 122.0330, 13.2947,
-17.5689

■ 96.2510, 26.0053,
-34.4231

■ 130.6270, 9.0579,
-11.9509

■ 87.6570, 30.2421,
-40.0412

■ 139.2210, 4.8210,
-6.3328

■ 79.0630, 34.4789,
-45.6593

■ 147.8150, 0.5842,
-0.7148

■ 70.4690, 38.7158,
-51.2773

■ 156.4090, -3.6526,
4.9033

■ 63.3590, 42.2210,
-55.5658

■ 164.7040, -7.7421,
9.9066

■ 173.2980,
-11.9789, 15.5247

■ 181.8920,
-16.2158, 21.1427

■ 190.4860,
-20.4526, 26.7608

Harmonies

Analogous

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



109.7920, 15.3855, -34.8976



113.4390, 17.5316, -23.1870



116.9790, 15.2934, -5.2436

Triad

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



113.4390, 17.5316, -23.1870



118.9820, -5.9071, 28.0798



112.5180, -9.1294, -11.8553

Complementary

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



113.4390, 17.5316, -23.1870



122.5610, -17.5316, 23.1870

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.



114.8250, -14.7037, 2.7845



113.4390, 17.5316, -23.1870



117.5380, -12.5902, 24.9612

Square

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



113.4390, 17.5316, -23.1870



119.4250, 2.2555, 23.3063



116.2720, -15.9101, 16.4245



110.3080, -0.6448, -26.5801

Rectangle

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



113.4390, 17.5316, -23.1870



118.8340, 11.9138, 5.4076



116.2720, -15.9101, 16.4245



113.2690, -11.4716, -7.2519

Sweetspot

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



113.4390, 17.5316, -23.1870



180.6660, 6.5737, -8.4771



126.7000, -5.2751, -34.8169



89.2920, 3.8000, -5.5181



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



113.4390, 17.5316, -23.1870



137.9950, 27.6105, -35.9526



95.2420, 26.5027, -7.2282



69.5590, 2.1894, -2.2442



58.5830, 39.1526, -51.3773



4.0750, 2.9210, -3.5738

Inverse Universe

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



109.3000, 5.2751, 34.8169



131.8170, 7.9782, 54.5345



140.7580, -26.5027, 7.2282



69.4350, 0.2785, 4.0035



49.5840, 11.5441, 77.5408



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 113.4390, 17.5316, -23.1870 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 113.4390, 17.5316, -23.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

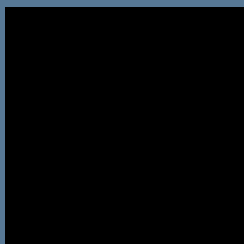
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

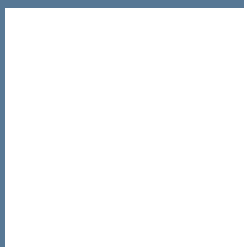
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.4390, 17.5316, -23.1870

Background



This preview shows how black text looks on a background with the YUV color 113.4390, 17.5316, -23.1870.



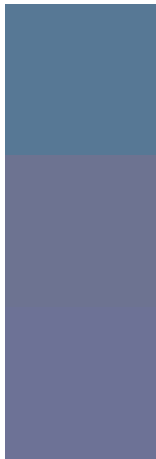
This preview shows how white text looks on a background with the YUV color 113.4390, 17.5316, -23.1870.

-23.1870.

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

113.4390, 17.5316, -23.1870

Protanopia

116.6260, 13.9884, -6.6880

Deuteranopia

116.6090, 16.4618, -6.6731



Tritanopia

112.1800, 10.2643, -25.5909

Trichromacy



Original Color

113.4390, 17.5316, -23.1870

Protanomaly

115.5220, 15.0257, -12.7358

Deuteranomaly

115.3910, 17.0622, -12.6209

Tritanomaly

112.5760, 13.0270, -25.0612

Monochromacy



Original Color

113.4390, 17.5316, -23.1870

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.5520, 6.1369, -8.3771

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4390, 17.5316, -23.1870 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(87, 120, 149)` looks like.

```
.text, #text, p{  
    color:rgb(87, 120, 149)  
}
```

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(87, 120, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 120, 149) }
```

Border

The CSS property to change the border of an element to YUV 113.4390, 17.5316, -23.1870 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(87, 120, 149) }
```


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

```
.border{ border-color:rgb(87, 120, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 120, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 120, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 120, 149);  
box-shadow:4px 4px 4px 4px rgb(87, 120,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 113.4390, 17.5316, -23.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 120, 149) }
```

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

```
.background{ background-color: rgb(87, 120,  
149) }
```

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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