

Converting Colors

YUV(116.3020, -1.6279,
-37.9759)

Have a look what the booklet for
YUV(116.3020, -1.6279, -37.9759)
contains.

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Color

**YUV(116.3020, -1.6279,
-37.9759)**

Conversions

Conversions Part 1

Format	Color
Hex	498B71
RGB	73, 139, 113
RGB Percent	29%, 55%, 44%
CMY	0.7137, 0.4549, 0.5569
CMYK	0.47, 0.00, 0.19, 0.45
HSL	156°, 31%, 42%
HSV	156°, 47%, 55%
XYZ	14.9609, 21.0740, 18.9019
YIQ	116.3020, -30.9900, -22.0780

Conversions

Conversions Part 2

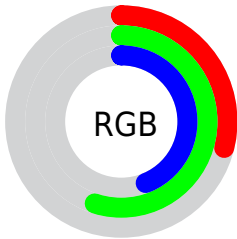
Format	Color
R_{YB}	73, 114, 139
Decimal	4819825
CIE _{Lab}	53.03, -27.58, 7.45
CIE _{LCh}	53, 28.566, 164.886
Yxy	21.0740, 0.2723, 0.3836
Android (android.graphics.Color)	4283009905 (0xFF498B71)
YUV	116.3020, -1.6279, -37.9759
Hunter-Lab	45.9064, -22.1629, 7.7218

Details

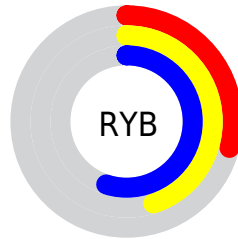
The YUV color **116.3020, -1.6279, -37.9759** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **95.6980, 1.6279, 37.9759**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7750, -2.3541, -38.3907**, and **64.1490, 0.4195, -41.3497** is the 20% darker color. If you saturate the color by 10%, you get **111.5460, -1.7482, -46.0828**, and if you desaturate by 10%, it is **121.0580, -1.5076, -29.8689**.

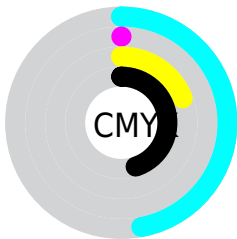
Distribution



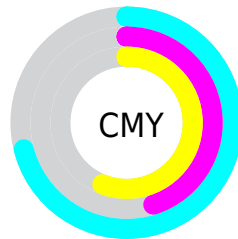
- Red (29%)
- Green (55%)
- Blue (44%)



- Red (29%)
- Yellow (45%)
- Blue (55%)



- Cyan (47%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (71%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3020, -1.6279, -37.9759 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 116.3020, -1.6279, -37.9759 by changing the saturation by 10% instead.

■ 116.3020, -1.6279,
-37.9759

■ 116.3020, -1.6279,
-37.9759

■ 255.0000, 0.0000,
0.0000

■ 90.5300, -0.7543,
-38.1758

■ 169.7750, -2.3541,
-38.3907

■ 64.1490, 0.4195,
-41.3497

■ 197.3620, -2.6435,
-38.9055

■ 43.0570, -0.0281,
-37.7610

■ 225.6500, -2.7855,
-40.0351

■ 27.2760, -2.1081,
-23.9211

■ 240.1490, 3.8705,
-28.1947

■ 11.1530, -5.4984,
-9.7812

■ 249.6180, 2.6533,
-11.0660

■ 0.0000, 0.0000,
0.0000

■ 116.3020, -1.6279,
-37.9759

■ 116.3020, -1.6279,
-37.9759

■ 111.5460, -1.7482,
-46.0828

■ 121.0580, -1.5076,
-29.8689

■ 106.6760, -2.3053,
-54.0899

■ 125.9280, -0.9505,
-21.8619

■ 101.9200, -2.4256,
-62.1968

■ 130.6840, -0.8302,
-13.7549

■ 97.0500, -2.9826,
-70.2038

■ 135.5540, -0.2731,
-5.7479

■ 92.5930, -3.2503,
-77.6961

■ 140.3100, -0.1528,
2.3591

■ 91.1690, -3.5343,
-79.9552

■ 144.8810, 0.5517,
9.7514

■ 149.6370, 0.6720,
17.8584

■ 154.5070, 1.2290,

25.8654

■ 159.2630, 1.3493,
33.9723

Harmonies

Analogous

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



120.4160, -14.5021, -15.2738



116.3020, -1.6279, -37.9759



110.7690, 13.4249, -59.4334

Triad

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



116.3020, -1.6279, -37.9759



126.4000, 23.4668, -13.5058



127.7630, -17.1382, 37.0418

Complementary

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



116.3020, -1.6279, -37.9759



95.6980, 1.6279, 37.9759

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.



128.8310, -6.8187, 40.4902



116.3020, -1.6279, -37.9759



129.9150, 15.8179, 13.2295

Square

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



116.3020, -1.6279, -37.9759



119.0220, 26.6112, -42.1153



129.8760, 4.9911, 32.5577



126.0790, -23.2099, 24.4867

Rectangle

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



116.3020, -1.6279, -37.9759



109.0160, 22.1771, -66.6660



129.8760, 4.9911, 32.5577



128.2840, -13.9440, 39.2159

Sweetspot

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



116.3020, -1.6279, -37.9759



172.3850, -0.6828, -14.3696



119.5160, -22.9324, -17.9925



86.5320, -0.2623, -9.2366



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.



116.3020, -1.6279, -37.9759



145.5290, -2.7258, -59.2229



115.1570, 11.7546, -36.9717



66.5650, -0.2785, -4.0035



87.1910, -3.5452, -76.4665



3.2770, -0.1366, -2.8739

Inverse Universe

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



95.6980, 1.6279, 37.9759



113.4710, 2.7258, 59.2229



96.8430, -11.7546, 36.9717



64.4350, 0.2785, 4.0035



45.6950, 3.1084, 76.5665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 116.3020, -1.6279, -37.9759 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 116.3020, -1.6279, -37.9759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

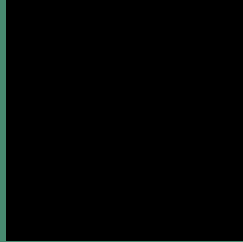
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.3020, -1.6279, -37.9759

Background



This preview shows how black text looks on a background with the YUV color 116.3020, -1.6279, -37.9759.



This preview shows how white text looks on a background with the YUV color 116.3020, -1.6279, -37.9759.

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

116.3020, -1.6279, -37.9759

Protanopia

125.8130, -9.7678, 6.3030

Deuteranopia

127.4100, -5.1321, 12.7954



Tritanopia

120.2930, 12.1806, -33.5830

Trichromacy



Original Color

116.3020, -1.6279, -37.9759

Protanomaly

122.5120, -6.6614, -10.0960

Deuteranomaly

123.3430, -3.6201, -5.5628

Tritanomaly

118.6150, 7.0918, -34.7424

Monochromacy



Original Color

116.3020, -1.6279, -37.9759

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7980, -0.3934, -13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3020, -1.6279, -37.9759 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(73, 139, 113)` looks like.

```
.text, #text, p{  
    color:rgb(73, 139, 113)  
}
```

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(73, 139, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 139, 113) }
```

Border

The CSS property to change the border of an element to YUV 116.3020, -1.6279, -37.9759 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(73, 139, 113) }
```


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

```
.border{ border-color:rgb(73, 139, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 139, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 139, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 139, 113);  
box-shadow:4px 4px 4px 4px rgb(73, 139,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 116.3020, -1.6279, -37.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 139, 113) }
```

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

```
.background{ background-color: rgb(73, 139,  
113) }
```

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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