

Converting Colors

YUV(128.3640, -5.6025,
-23.1212)

Have a look what the booklet for
YUV(128.3640, -5.6025, -23.1212)
contains.

YUV(128.3640, -5.6025, -23.1212)	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(128.3640, -5.6025,
-23.1212)**

Conversions

Conversions Part 1

Format	Color
Hex	669075
RGB	102, 144, 117
RGB Percent	40%, 56%, 46%
CMY	0.6000, 0.4353, 0.5412
CMYK	0.29, 0.00, 0.19, 0.44
HSL	141°, 17%, 48%
HSV	141°, 29%, 56%
XYZ	18.6636, 24.0557, 20.4891
YIQ	128.3640, -16.3650, -17.3010

Conversions

Conversions Part 2

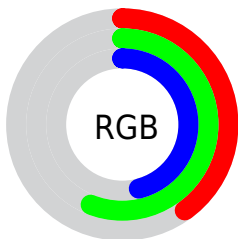
Format	Color
RYB	102, 133, 144
Decimal	6721653
CIELab	56.14, -20.35, 9.78
CIELCh	56, 22.572, 154.334
Yxy	24.0557, 0.2953, 0.3806
Android (android.graphics.Color)	4284911733 (0xFF669075)
YUV	128.3640, -5.6025, -23.1212
Hunter-Lab	49.0466, -17.9071, 9.5643

Details

The YUV color **128.3640, -5.6025, -23.1212** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **117.6360, 5.6025, 23.1212**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5380, -6.1812, -24.1508**, and **78.3040, -4.5869, -22.1916** is the 20% darker color. If you saturate the color by 10%, you get **123.1520, -7.4699, -30.8283**, and if you desaturate by 10%, it is **133.5760, -3.7350, -15.4142**.

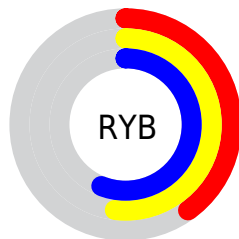
Distribution



Red (40%)

Green (56%)

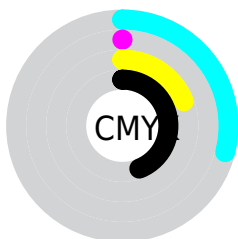
Blue (46%)



Red (40%)

Yellow (52%)

Blue (56%)

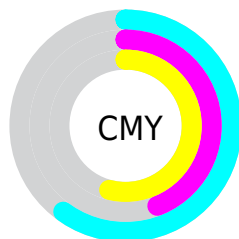


Cyan (29%)

Magenta (0%)

Yellow (19%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3640, -5.6025, -23.1212 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 128.3640, -5.6025, -23.1212 by changing the saturation by 10% instead.


 128.3640, -5.6025,
-23.1212


 128.3640, -5.6025,
-23.1212


255.0000, 0.0000,
0.0000

 102.7770, -5.3131,
-22.6064


 181.5380, -6.1812,
-24.1508


 78.3040, -4.5869,
-22.1916


 209.1250, -6.4706,
-24.6656


 55.3040, -4.5869,
-22.1916

 237.7120, -6.7600,
-25.1804

 32.0480, -2.9817,
-23.7211

 249.3900, 1.7797,
-10.8660

 16.4360, -8.1029,
-14.4144

 0.0000, 0.0000,
0.0000

■ 128.3640, -5.6025,
-23.1212

■ 128.3640, -5.6025,
-23.1212

■ 123.1520, -7.4699,
-30.8283

■ 133.5760, -3.7350,
-15.4142

■ 117.5270, -9.6268,
-39.0502

■ 139.2010, -1.5781,
-7.1923

■ 112.3150,
-11.4943, -46.7573

■ 144.4130, 0.2894,
0.5148

■ 106.8040,
-13.2144, -55.0791

■ 149.9240, 2.0095,
8.8367

■ 101.5920,
-15.0819, -62.7862

■ 155.1360, 3.8770,
16.5437

■ 96.2660, -17.3861,
-70.3933

■ 160.4620, 6.1812,
24.1508

■ 90.7550, -19.1062,
-78.7151

■ 165.9730, 7.9013,
32.4727

■ 90.3420, -19.3956,

■ 171.1850, 9.7688,

-79.2299

40.1798

■ 176.6960, 11.4889,
48.5016

Harmonies

Analogous

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



131.1830, -14.3872, -5.4225



128.3640, -5.6025, -23.1212



126.1370, 5.3555, -37.8311

Triad

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



128.3640, -5.6025, -23.1212



133.0530, 19.6939, -16.7095



136.2230, -11.4489, 32.2534

Complementary

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



128.3640, -5.6025, -23.1212



117.6360, 5.6025, 23.1212

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.



137.2150, -2.5710, 31.3834



128.3640, -5.6025, -23.1212



136.9200, 14.8294, 3.5782

Square

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



128.3640, -5.6025, -23.1212



128.3450, 20.0429, -35.3826



137.9670, 6.9183, 21.0769



135.2730, -17.3896, 24.3166

Rectangle

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



128.3640, -5.6025, -23.1212



124.9390, 12.3551, -42.9195



137.9670, 6.9183, 21.0769



136.6190, -8.6862, 32.7831

Sweetspot

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



128.3640, -5.6025, -23.1212



179.6630, -2.2989, -9.3515



134.7270, -16.1344, -5.0226



90.3260, -1.1467, -5.5479



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



128.3640, -5.6025, -23.1212



161.7770, -8.7641, -35.7614



130.7580, 3.5703, -25.2208



68.4510, -0.7153, -3.9035



84.7170, -18.1015, -74.2968



5.0380, -1.0047, -4.4183

Inverse Universe

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



117.6360, 5.6025, 23.1212



145.2230, 8.7641, 35.7614



115.2420, -3.5703, 25.2208



66.6630, 1.1521, 3.8035



50.2830, 18.1015, 74.2968



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 128.3640, -5.6025, -23.1212 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 128.3640, -5.6025, -23.1212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

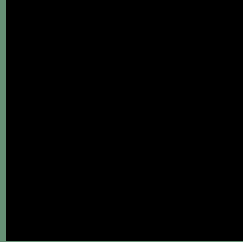
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.3640, -5.6025, -23.1212

Background



This preview shows how black text looks on a background with the YUV color 128.3640, -5.6025, -23.1212.



This preview shows how white text looks on a background with the YUV color 128.3640, -5.6025,

-23.1212.

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

128.3640, -5.6025, -23.1212

Protanopia

133.8840, -10.7888, 7.1177

Deuteranopia

134.8510, -7.3215, 15.0397



Tritanopia

131.3980, 9.6638, -19.6430

Trichromacy



Original Color

128.3640, -5.6025, -23.1212

Protanomaly

131.9750, -8.8617, -4.3631

Deuteranomaly

132.2900, -6.5520, 1.4997

Tritanomaly

130.3070, 4.2856, -21.3172

Monochromacy



Original Color

128.3640, -5.6025, -23.1212

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.3750, -2.1569, -8.2219

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3640, -5.6025, -23.1212 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(102, 144, 117)` looks like.

```
.text, #text, p{  
    color:rgb(102, 144, 117)  
}
```

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(102, 144, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 144, 117) }
```

Border

The CSS property to change the border of an element to YUV 128.3640, -5.6025, -23.1212 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(102, 144, 117) }
```


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

```
.border{ border-color:rgb(102, 144, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 144, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 144, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 144, 117);  
box-shadow:4px 4px 4px 4px rgb(102, 144,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 128.3640, -5.6025, -23.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 144, 117) }
```

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

```
.background{ background-color: rgb(102,  
144, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor