

Converting Colors

YUV(127.0260, -6.4218,
-40.3648)

Have a look what the booklet for
YUV(127.0260, -6.4218, -40.3648)
contains.

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Color

**YUV(127.0260, -6.4218,
-40.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	519972
RGB	81, 153, 114
RGB Percent	32%, 60%, 45%
CMY	0.6824, 0.4000, 0.5529
CMYK	0.47, 0.00, 0.25, 0.40
HSL	148°, 31%, 46%
HSV	148°, 47%, 60%
XYZ	17.8218, 25.7467, 19.9499
YIQ	127.0260, -30.3930, -27.3930

Conversions

Conversions Part 2

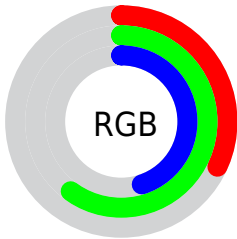
Format	Color
R_{YB}	81, 130, 153
Decimal	5347698
CIE _{Lab}	57.80, -31.90, 13.64
CIE _{LCh}	58, 34.698, 156.852
Yxy	25.7467, 0.2806, 0.4053
Android (android.graphics.Color)	4283537778 (0xFF519972)
YUV	127.0260, -6.4218, -40.3648
Hunter-Lab	50.7412, -26.1026, 12.2078

Details

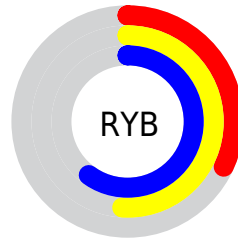
The YUV color **127.0260, -6.4218, -40.3648** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **106.9740, 6.4218, 40.3648**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0860, -7.4374, -41.2944**, and **74.5850, -4.2324, -42.6090** is the 20% darker color. If you saturate the color by 10%, you get **121.6290, -7.7051, -48.7866**, and if you desaturate by 10%, it is **132.4230, -5.1385, -31.9430**.

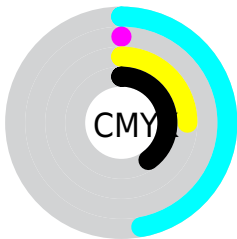
Distribution



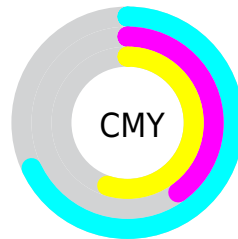
- Red (32%)
- Green (60%)
- Blue (45%)



- Red (32%)
- Yellow (51%)
- Blue (60%)



- Cyan (47%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (68%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0260, -6.4218, -40.3648 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 127.0260, -6.4218, -40.3648 by changing the saturation by 10% instead.


 127.0260, -6.4218,
-40.3648

 127.0260, -6.4218,
-40.3648


255.0000, 0.0000,
0.0000


 100.8410, -5.8376,
-41.0796


 181.0860, -7.4374,
-41.2944

 74.5850, -4.2324,
-42.6090


 208.9720, -7.8742,
-41.1944


 50.2150, -3.0640,
-44.0386

 231.6890, -5.2697,
-36.5613

 33.7330, -5.2914,
-29.5838

 243.3670, 3.2701,
-22.2469

 19.9580, -9.8393,
-17.5032

 252.6080, 1.1793,
-4.9182

 0.0000, 0.0000,
0.0000

■ 127.0260, -6.4218,
-40.3648

■ 127.0260, -6.4218,
-40.3648

■ 121.6290, -7.7051,
-48.7866

■ 132.4230, -5.1385,
-31.9430

■ 115.8190, -9.2778,
-57.7233

■ 138.2330, -3.5659,
-23.0063

■ 110.4220,
-10.5610, -66.1451

■ 143.6300, -2.2826,
-14.5845

■ 105.0250,
-11.8443, -74.5669

■ 149.0270, -0.9993,
-6.1627

■ 99.6280, -13.1276,
-82.9888

■ 154.7230, 0.1366,
2.8739

■ 97.7910, -13.7010,
-85.7627

■ 160.2340, 1.8566,
11.1958

■ 165.6310, 3.1399,
19.6176

■ 171.0280, 4.4232,

28.0394

■ 176.8380, 5.9959,
36.9761

Harmonies

Analogous

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



132.6030, -21.4963, -11.9298



127.0260, -6.4218, -40.3648



116.1860, 14.2053, -76.4621

Triad

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



127.0260, -6.4218, -40.3648



136.2610, 30.9303, -27.4159



139.7150, -17.6075, 47.6079

Complementary

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



127.0260, -6.4218, -40.3648



106.9740, 6.4218, 40.3648

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.



141.5700, -4.2250, 48.6121



127.0260, -6.4218, -40.3648



141.6030, 22.3807, 8.2412

Square

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



127.0260, -6.4218, -40.3648



122.4470, 35.2756, -67.9210



143.1520, 9.7851, 34.9467



138.4070, -27.3157, 34.7231

Rectangle

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



127.0260, -6.4218, -40.3648



109.2080, 27.5055, -95.7754



143.1520, 9.7851, 34.9467



140.4640, -13.5398, 49.5821

Sweetspot

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



127.0260, -6.4218, -40.3648



188.9180, -2.4246, -15.7141



135.2240, -26.7324, -12.4744



93.1900, -1.5727, -8.9366



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.



127.0260, -6.4218, -40.3648



158.9710, -9.8457, -62.2416



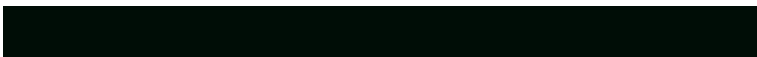
131.0160, 8.8661, -43.8640



74.0380, -1.0047, -4.4183



89.4760, -12.5597, -78.4705



8.3150, -1.1413, -7.2923

Inverse Universe

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



106.9740, 6.4218, 40.3648



128.0290, 9.8457, 62.2416



102.9840, -8.8661, 43.8640



71.8480, 0.5679, 4.5183



50.5240, 12.5597, 78.4705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 127.0260, -6.4218, -40.3648 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 127.0260, -6.4218, -40.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

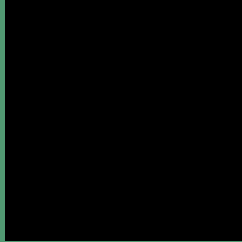
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.0260, -6.4218, -40.3648

Background



This preview shows how black text looks on a background with the YUV color 127.0260, -6.4218, -40.3648.



This preview shows how white text looks on a background with the YUV color 127.0260, -6.4218, -40.3648.

-40.3648.

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

127.0260, -6.4218, -40.3648

Protanopia

137.1570, -14.8674, 8.6323

Deuteranopia

138.7650, -10.2371, 16.8691



Tritanopia

131.9230, 13.3490, -35.0125

Trichromacy



Original Color

127.0260, -6.4218, -40.3648

Protanomaly

133.2580, -11.4662, -8.9963

Deuteranomaly

134.3880, -8.5723, -3.8483

Tritanomaly

130.0770, 6.3710, -36.9015

Monochromacy



Original Color

127.0260, -6.4218, -40.3648

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.6300, -2.2826, -14.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0260, -6.4218, -40.3648 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(81, 153, 114)` looks like.

```
.text, #text, p{  
    color:rgb(81, 153, 114)  
}
```

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(81, 153, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 153, 114) }
```

Border

The CSS property to change the border of an element to YUV 127.0260, -6.4218, -40.3648 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(81, 153, 114) }
```


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

```
.border{ border-color:rgb(81, 153, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 153, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 153, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 153, 114);  
box-shadow:4px 4px 4px 4px rgb(81, 153,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 127.0260, -6.4218, -40.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 153, 114) }
```

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

```
.background{ background-color: rgb(81, 153,  
114) }
```

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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