

Converting Colors

YUV(104.5960, 6.1152, -1.3997)

Have a look what the booklet for
YUV(104.5960, 6.1152, -1.3997)
contains.

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Color

**YUV(104.5960, 6.1152,
-1.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	676775
RGB	103, 103, 117
RGB Percent	40%, 40%, 46%
CMY	0.5961, 0.5961, 0.5412
CMYK	0.12, 0.12, 0.00, 0.54
HSL	240°, 6%, 43%
HSV	240°, 12%, 46%
XYZ	13.6547, 13.8684, 18.7868
YIQ	104.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

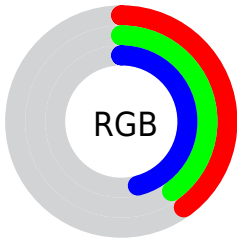
Format	Color
R_{YB}	103, 103, 117
Decimal	6776693
CIE _{Lab}	44.04, 3.06, -7.82
CIE _{LCh}	44, 8.397, 291.375
Yxy	13.8684, 0.2949, 0.2995
Android (android.graphics.Color)	4284966773 (0xFF676775)
YUV	104.5960, 6.1152, -1.3997
Hunter-Lab	37.2403, 0.2788, -3.8421

Details

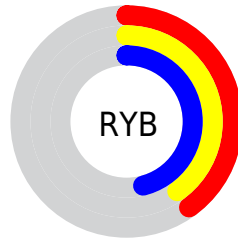
The YUV color **104.5960, 6.1152, -1.3997** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.4040, -6.1152, 1.3997**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7100, 6.5520, -1.4997**, and **57.4820, 5.6784, -1.2997** is the 20% darker color. If you saturate the color by 10%, you get **93.9640, 11.3567, -2.5994**, and if you desaturate by 10%, it is **115.2280, 0.8736, -0.2000**.

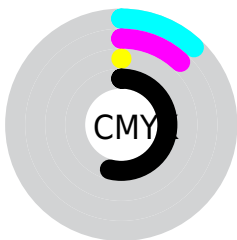
Distribution



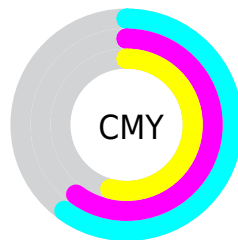
- Red (40%)
- Green (40%)
- Blue (46%)



- Red (40%)
- Yellow (40%)
- Blue (46%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (60%)
- Yellow (54%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.5960, 6.1152, -1.3997 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 104.5960, 6.1152, -1.3997 by changing the saturation by 10% instead.

■ 104.5960, 6.1152,
-1.3997

■ 104.5960, 6.1152,
-1.3997

255.0000, 0.0000,
0.0000

■ 80.4820, 5.6784,
-1.2997

■ 155.7100, 6.5520,
-1.4997

■ 57.4820, 5.6784,
-1.2997

■ 182.7100, 6.5520,
-1.4997

■ 36.0690, 5.3890,
-1.8145

■ 210.1230, 6.8414,
-0.9849

■ 14.4820, 5.6784,
-1.2997

■ 238.8240, 6.9888,
-1.5996

■ 0.0000, 0.0000,
0.0000

■ 104.5960, 6.1152,

■ 104.5960, 6.1152,

-1.3997

-1.3997

■ 93.9640, 11.3567,
-2.5994

■ 115.2280, 0.8736,
-0.2000

■ 84.2180, 16.1615,
-3.6992

■ 124.9740, -3.9312,
0.8998

■ 73.5860, 21.4031,
-4.8989

■ 135.6060, -9.1728,
2.0995

■ 62.9540, 26.6447,
-6.0987

■ 146.2380,
-14.4143, 3.2993

■ 53.2080, 31.4495,
-7.1984

■ 156.8700,
-19.6559, 4.4990

■ 42.5760, 36.6910,
-8.3982

■ 166.6160,
-24.4607, 5.5988

■ 31.9440, 41.9326,
-9.5979

■ 177.2480,
-29.7023, 6.7985

■ 21.3120, 47.1742,
-10.7976

■ 187.8800,
-34.9438, 7.9982

■ 13.3380, 51.1054,
-11.6974

■ 197.6260,
-39.7486, 9.0980

Harmonies

Analogous

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



103.1930, 7.2999, -8.0623



104.5960, 6.1152, -1.3997



105.3580, 3.7675, 4.9480

Triad

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



104.5960, 6.1152, -1.3997



104.8720, -5.8529, 10.6363



101.9340, 0.0325, -10.4661

Complementary

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



104.5960, 6.1152, -1.3997



115.4040, -6.1152, 1.3997

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.



102.3430, -3.6201, -5.5628



104.5960, 6.1152, -1.3997



104.2090, -7.0050, 6.8327

Square

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



104.5960, 6.1152, -1.3997



105.5670, -3.2375, 11.7807



103.1050, -5.9678, 0.7849



101.8350, 3.5323, -13.0103

Rectangle

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



104.5960, 6.1152, -1.3997



105.8100, 1.5727, 8.9366



103.1050, -5.9678, 0.7849



102.1900, -1.5727, -8.9366

Sweetspot

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



104.5960, 6.1152, -1.3997



147.6840, 2.6208, -0.5999



112.8140, 2.0637, -8.6069



73.4560, 1.7472, -0.3999



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



104.5960, 6.1152, -1.3997



134.3940, 9.1728, -2.0995



106.6890, 5.0833, 2.9037



53.6840, 2.6208, -0.5999



13.9080, 53.2894, -12.1973



28.5000, 109.1995, -24.9945

Inverse Universe

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



108.7820, 4.0515, 7.2072



140.6730, 6.0772, 10.8108



113.3110, -5.0833, -2.9037



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 104.5960, 6.1152, -1.3997 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 104.5960, 6.1152, -1.3997 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

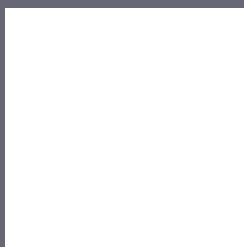
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.5960, 6.1152, -1.3997

Background



This preview shows how black text looks on a background with the YUV color 104.5960, 6.1152, -1.3997.



This preview shows how white text looks on a background with the YUV color 104.5960, 6.1152,

-1.3997.

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

104.5960, 6.1152, -1.3997

Protanopia

104.2970, 6.2626, -2.0145

Deuteranopia

104.9170, 5.9569, 2.7038



Tritanopia

104.3140, 3.7892, -2.0294

Trichromacy



Original Color

104.5960, 6.1152, -1.3997

Protanomaly

104.2970, 6.2626, -2.0145

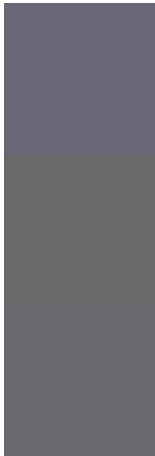
Deuteranomaly

104.9060, 5.9623, 0.9594

Tritanomaly

104.5420, 4.6628, -2.2293

Monochromacy



Original Color

104.5960, 6.1152, -1.3997

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.5700, 2.1840, -0.4999

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.5960, 6.1152, -1.3997 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(103, 103, 117)` looks like.

```
.text, #text, p{  
    color:rgb(103, 103, 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(103, 103, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 103, 117) }
```

Border

The CSS property to change the border of an element to YUV 104.5960, 6.1152, -1.3997 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(103, 103, 117) }
```


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

```
.border{ border-color:rgb(103, 103, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 103, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 103, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 103, 117);  
box-shadow:4px 4px 4px 4px rgb(103, 103,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 104.5960, 6.1152, -1.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 103, 117) }
```

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

```
.background{ background-color: rgb(103,  
103, 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](#).

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