

Converting Colors

YUV(154.7230, -6.7654,
-23.4361)

Have a look what the booklet for
YUV(154.7230, -6.7654, -23.4361)
contains.

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Color

**YUV(154.7230, -6.7654,
-23.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	80AB8D
RGB	128, 171, 141
RGB Percent	50%, 67%, 55%
CMY	0.4980, 0.3294, 0.4471
CMYK	0.25, 0.00, 0.18, 0.33
HSL	138°, 20%, 59%
HSV	138°, 25%, 67%
XYZ	28.2727, 35.6381, 30.5880
YIQ	154.7230, -15.9980, -18.4460

Conversions

Conversions Part 2

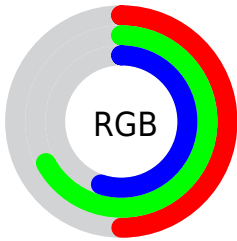
Format	Color
RYB	128, 161, 171
Decimal	8432525
CIELab	66.24, -20.72, 10.81
CIELCh	66, 23.374, 152.451
Yxy	35.6381, 0.2992, 0.3771
Android (android.graphics.Color)	4286622605 (0xFF80AB8D)
YUV	154.7230, -6.7654, -23.4361
Hunter-Lab	59.6977, -19.9336, 11.4092

Details

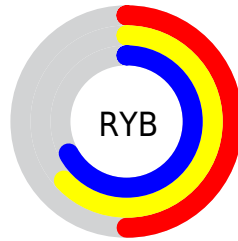
The YUV color **154.7230, -6.7654, -23.4361** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **144.2770, 6.7654, 23.4361**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3100, -7.0548, -23.9509**, and **103.5490, -6.1867, -22.4065** is the 20% darker color. If you saturate the color by 10%, you get **148.2720, -9.5011, -32.6875**, and if you desaturate by 10%, it is **161.1740, -4.0298, -14.1846**.

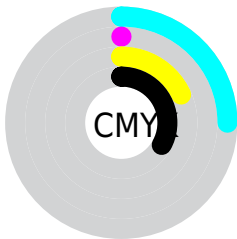
Distribution



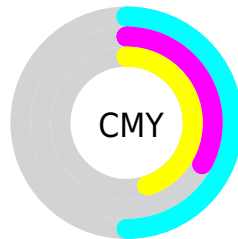
- Red (50%)
- Green (67%)
- Blue (55%)



- Red (50%)
- Yellow (63%)
- Blue (67%)



- Cyan (25%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)





- Cyan (50%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.7230, -6.7654, -23.4361 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 154.7230, -6.7654, -23.4361 by changing the saturation by 10% instead.


 154.7230, -6.7654,
-23.4361

 154.7230, -6.7654,
-23.4361


255.0000, 0.0000,
0.0000


 128.1360, -6.4760,
-22.9213


 209.3100, -7.0548,
-23.9509


 103.5490, -6.1867,
-22.4065


 237.5980, -7.1968,
-25.0804

 78.9620, -5.8973,
-21.8917

 249.4610, 0.7587,
-10.0513

 55.1900, -5.0237,
-22.0916

 31.8200, -3.8553,
-23.5211

 16.4360, -8.1029,
-14.4144

 0.0000, 0.0000,

0.0000

■ 154.7230, -6.7654,
-23.4361

■ 154.7230, -6.7654,
-23.4361

■ 148.2720, -9.5011,
-32.6875

■ 161.1740, -4.0298,
-14.1846

■ 141.8210,
-12.2368, -41.9390

■ 167.6250, -1.2941,
-4.9331

■ 135.3700,
-14.9724, -51.1905

■ 174.0760, 1.4415,
4.3183

■ 128.9190,
-17.7081, -60.4420

■ 180.5270, 4.1772,
13.5698

■ 122.4680,
-20.4437, -69.6934

■ 186.9780, 6.9128,
22.8213

■ 115.7180,
-23.0320, -79.5597

■ 193.7280, 9.5011,
32.6875

■ 109.2670,
-25.7676, -88.8112

■ 200.1790, 12.2368,
41.9390

■ 106.3050,
-26.7724, -93.2295

■ 203.5260, 16.0097,
45.1427

■ 204.8940, 21.2513,
43.9430

Harmonies

Analogous

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



157.7270, -16.1344, -5.0226



154.7230, -6.7654, -23.4361



152.3110, 4.7767, -38.8607

Triad

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



154.7230, -6.7654, -23.4361



159.4980, 21.4465, -18.8537



163.4190, -12.0386, 34.7125

Complementary

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



154.7230, -6.7654, -23.4361



144.2770, 6.7654, 23.4361

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.



164.3400, -2.1396, 33.0278



154.7230, -6.7654, -23.4361



163.2620, 16.1398, 3.2782

Square

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



154.7230, -6.7654, -23.4361



154.6760, 21.3587, -37.4269



164.9070, 7.9338, 22.0066



161.6540, -18.5634, 27.4904

Rectangle

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



154.7230, -6.7654, -23.4361



151.8140, 11.9237, -44.5639



164.9070, 7.9338, 22.0066



163.9290, -8.8390, 35.1423

Sweetspot

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



154.7230, -6.7654, -23.4361



215.1360, -3.0250, -9.7663



162.2110, -16.8660, -3.6930



107.7990, -1.8729, -5.9627



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



154.7230, -6.7654, -23.4361



196.6090, -10.6532, -36.4911



157.1170, 2.4073, -25.5356



83.6250, -1.2941, -4.9331



93.1800, -23.7527, -81.7189



14.2990, -3.5984, -12.5402

Inverse Universe

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



144.2770, 6.7654, 23.4361



180.3910, 10.6532, 36.4911



141.8830, -2.4073, 25.5356



81.3750, 1.2941, 4.9331



56.8200, 23.7527, 81.7189



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 154.7230, -6.7654, -23.4361 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 154.7230, -6.7654, -23.4361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

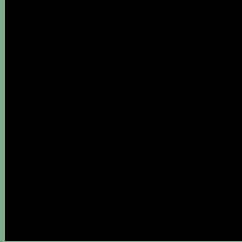
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.7230, -6.7654, -23.4361

Background



This preview shows how black text looks on a background with the YUV color 154.7230, -6.7654, -23.4361.



This preview shows how white text looks on a background with the YUV color 154.7230, -6.7654,

-23.4361.

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

154.7230, -6.7654, -23.4361

Protanopia

159.9550, -11.8098, 7.9325

Deuteranopia

161.8190, -8.7848, 17.6987



Tritanopia

158.2130, 10.2480, -20.3578

Trichromacy



Original Color

154.7230, -6.7654, -23.4361

Protanomaly

158.0460, -9.8827, -3.5483

Deuteranomaly

159.2470, -8.0098, 2.4144

Tritanomaly

156.8940, 3.9963, -21.8320

Monochromacy



Original Color

154.7230, -6.7654, -23.4361

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9620, -2.4463, -8.7367

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.7230, -6.7654, -23.4361 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(128, 171, 141)` looks like.

```
.text, #text, p{  
    color:rgb(128, 171, 141)  
}
```

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(128, 171, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 171, 141) }
```

Border

The CSS property to change the border of an element to YUV 154.7230, -6.7654, -23.4361 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(128, 171, 141) }
```


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

```
.border{ border-color:rgb(128, 171, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 171, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 171, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 171, 141);  
box-shadow:4px 4px 4px 4px rgb(128, 171,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 154.7230, -6.7654, -23.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 171, 141) }
```

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

```
.background{ background-color: rgb(128,  
171, 141) }
```

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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