

Converting Colors

YUV(153.2580, -7.5222,
79.5807)

Have a look what the booklet for
YUV(153.2580, -7.5222, 79.5807)
contains.

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Color

**YUV(153.2580, -7.5222,
79.5807)**

Conversions

Conversions Part 1

Format	Color
Hex	F46E8A
RGB	244, 110, 138
RGB Percent	96%, 43%, 54%
CMY	0.0431, 0.5686, 0.4588
CMYK	0.00, 0.55, 0.43, 0.04
HSL	347°, 86%, 69%
HSV	347°, 55%, 96%
XYZ	47.4716, 32.2199, 27.7618
YIQ	153.2580, 70.8760, 37.1160

Conversions

Conversions Part 2

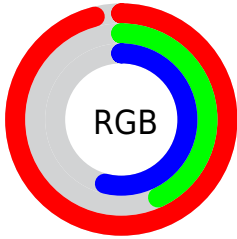
Format	Color
R_{YB}	244, 110, 138
Decimal	16019082
CIE Lab	63.52, 53.93, 10.29
CIE LCh	64, 54.902, 10.802
Yxy	32.2199, 0.4418, 0.2999
Android (android.graphics.Color)	4294209162 (0xFFFF46E8A)
YUV	153.2580, -7.5222, 79.5807
Hunter-Lab	56.7626, 49.9482, 10.7359

Details

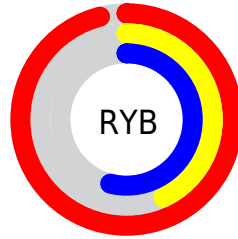
The YUV color **153.2580, -7.5222, 79.5807** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **200.7420, 7.5222, -79.5807**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8740, -1.9099, 52.7305**, and **96.7460, -4.3118, 76.5218** is the 20% darker color. If you saturate the color by 10%, you get **137.0040, -8.8760, 93.8355**, and if you desaturate by 10%, it is **169.5120, -6.1684, 65.3260**.

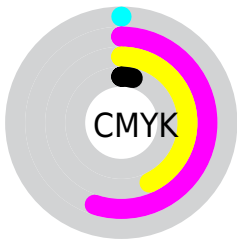
Distribution



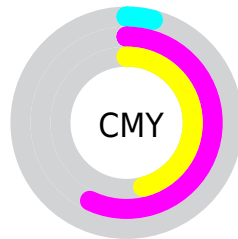
- Red (96%)
- Green (43%)
- Blue (54%)



- Red (96%)
- Yellow (43%)
- Blue (54%)



- Cyan (0%)
- Magenta (55%)
- Yellow (43%)
- Black (4%)



- Cyan (4%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2580, -7.5222, 79.5807 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 153.2580, -7.5222, 79.5807 by changing the saturation by 10% instead.


 153.2580, -7.5222,
79.5807

 153.2580, -7.5222,
79.5807


255.0000, 0.0000,
0.0000


 125.5890, -6.2064,
77.5364


 194.8740, -1.9099,
52.7305

 96.7460, -4.3118,
76.5218


 215.0890, 1.9281,
35.0019


 65.7830, -0.3860,
77.3663

 235.4180, 6.2029,
17.1734

 42.2770, 0.3564,
72.5481

 253.2390, 0.8682,
1.5444

 31.3260, -4.1047,
56.7191

 20.7450, -9.7343,
42.3196

 11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 153.2580, -7.5222,
79.5807

■ 153.2580, -7.5222,
79.5807

■ 137.0040, -8.8760,
93.8355

■ 169.5120, -6.1684,
65.3260

■ 120.0490,
-10.3772, 108.7050

■ 186.4670, -4.6672,
50.4564

■ 103.7950,
-11.7309, 122.9598

■ 202.7210, -3.3135,
36.2017

■ 86.9540, -12.7953,
137.7293

■ 219.5620, -2.2491,
21.4321

■ 78.7700, -13.6906,
144.9067

■ 235.9300, -0.4585,
7.0774

251.5970, 1.1847,
-6.6626

251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



156.6960, 14.9399, 61.6566



153.2580, -7.5222, 79.5807



151.7800, -29.4715, 72.9839

Triad

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



153.2580, -7.5222, 79.5807



141.0560, -32.0726, -26.3591



126.6600, 58.8346, -111.0808

Complementary

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



153.2580, -7.5222, 79.5807



200.7420, 7.5222, -79.5807

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.



128.0500, 43.8523, -112.2999



153.2580, -7.5222, 79.5807



116.9920, 1.4829, -102.6020

Square

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



153.2580, -7.5222, 79.5807



147.0090, -47.3324, 14.9011



123.9800, 23.1809, -108.7305



147.0150, 50.7716, -44.7402

Rectangle

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



153.2580, -7.5222, 79.5807



151.5920, -41.2109, 58.2398



123.9800, 23.1809, -108.7305



127.5090, 54.4721, -111.8254

Sweetspot

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



153.2580, -7.5222, 79.5807



227.2850, -2.1125, 24.3061



156.6710, 43.0532, 51.1545



111.0450, -1.5012, 14.8695



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



153.2580, -7.5222, 79.5807



141.2220, -9.4764, 99.7833



172.3720, -30.7494, 62.8178



113.9300, -0.4585, 7.0774



60.0600, -10.3826, 110.4494



19.0090, -3.4554, 35.0721

Inverse Universe

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



153.2580, -7.5222, 79.5807



141.2220, -9.4764, 99.7833



181.6280, 30.7494, -62.8178



113.9300, -0.4585, 7.0774



60.0600, -10.3826, 110.4494



19.0090, -3.4554, 35.0721

Previews

White Background



This preview shows how the YUV color 153.2580, -7.5222, 79.5807 looks on a white background.

Color Contrast Check

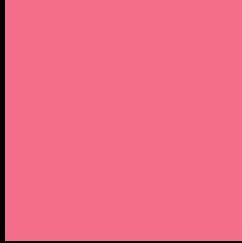
Large Text (above 18pt) WCAG AA × Fail

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 153.2580, -7.5222, 79.5807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

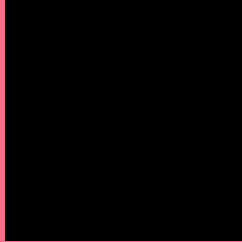
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.2580, -7.5222, 79.5807

Background



This preview shows how black text looks on a background with the YUV color 153.2580, -7.5222, 79.5807.



This preview shows how white text looks on a background with the YUV color 153.2580, -7.5222,

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

153.2580, -7.5222, 79.5807

Protanopia

154.6240, 3.6364, 0.3298

Deuteranopia

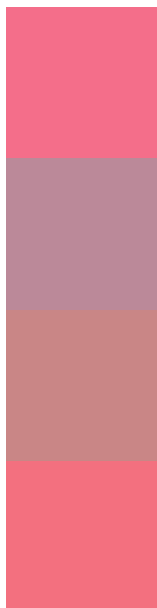
154.8470, -11.2636, 19.4282



Tritanopia

152.7820, -15.6685, 79.1212

Trichromacy



Original Color

153.2580, -7.5222, 79.5807

Protanomaly

153.7740, -0.3816, 29.1392

Deuteranomaly

154.0330, -9.8763, 41.1901

Tritanomaly

152.8790, -12.7583, 79.0361

Monochromacy



Original Color

153.2580, -7.5222, 79.5807

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9050, -2.4182, 29.0243

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2580, -7.5222, 79.5807 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(244, 110, 138)` looks like.

```
.text, #text, p{  
    color:rgb(244, 110, 138)  
}
```

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(244, 110, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 110, 138) }
```

Border

The CSS property to change the border of an element to YUV 153.2580, -7.5222, 79.5807 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(244, 110, 138) }
```


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

```
.border{ border-color:rgb(244, 110, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 110, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 110, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 110, 138);  
box-shadow:4px 4px 4px 4px rgb(244, 110,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 153.2580, -7.5222, 79.5807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 110, 138) }
```

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

```
.background{ background-color: rgb(244,  
110, 138) }
```

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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