

Converting Colors

YUV(187.8180, -17.1653,
45.7636)

Have a look what the booklet for
YUV(187.8180, -17.1653, 45.7636)
contains.

YUV(187.8180, -17.1653, 45.7636)	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(187.8180, -17.1653,
45.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A899
RGB	240, 168, 153
RGB Percent	94%, 66%, 60%
CMY	0.0588, 0.3412, 0.4000
CMYK	0.00, 0.30, 0.36, 0.06
HSL	10°, 74%, 77%
HSV	10°, 36%, 94%
XYZ	55.6876, 48.8304, 36.6272
YIQ	187.8180, 47.7270, 10.5990

Conversions

Conversions Part 2

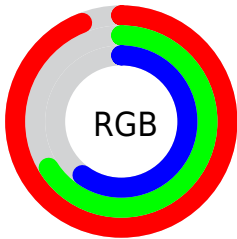
Format	Color
R _Y B	240, 171, 153
Decimal	15771801
CIE Lab	75.35, 24.65, 18.40
CIE LCh	75, 30.762, 36.732
Yxy	48.8304, 0.3945, 0.3460
Android (android.graphics.Color)	4293961881 (0xFFFF0A899)
YUV	187.8180, -17.1653, 45.7636
Hunter-Lab	69.8788, 19.9618, 17.8381

Details

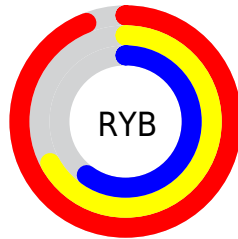
The YUV color **187.8180, -17.1653, 45.7636** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **205.1820, 17.1653, -45.7636**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3310, -11.9952, 20.7577**, and **133.5510, -15.5546, 42.4898** is the 20% darker color. If you saturate the color by 10%, you get **173.3420, -21.8606, 58.4591**, and if you desaturate by 10%, it is **202.2940, -12.4699, 33.0682**.

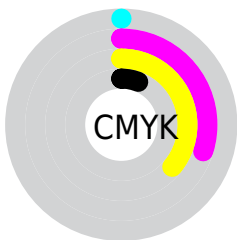
Distribution



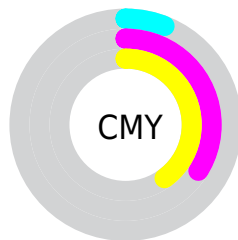
- Red (94%)
- Green (66%)
- Blue (60%)



- Red (94%)
- Yellow (67%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.8180, -17.1653, 45.7636 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 187.8180, -17.1653, 45.7636 by changing the saturation by 10% instead.

187.8180,
-17.1653, 45.7636

187.8180,
-17.1653, 45.7636

255.0000, 0.0000,
0.0000

160.3340,
-16.4337, 44.4341

231.3310,
-11.9952, 20.7577

133.5510,
-15.5546, 42.4898

251.0730, -7.4310,
3.4440

107.7680,
-14.6756, 40.5455

82.6860, -13.6492,
37.9864

58.6040, -12.6228,
35.4273

34.9350, -11.3070,
33.3830

14.3520, -7.0755,

29.5093

■ 3.5880, -1.7689,
7.3773

■ 0.0000, 0.0000,
0.0000

■ 187.8180,
-17.1653, 45.7636

■ 187.8180,
-17.1653, 45.7636

■ 173.3420,
-21.8606, 58.4591

■ 202.2940,
-12.4699, 33.0682

■ 158.8660,
-26.5559, 71.1545

■ 216.7700, -7.7746,
20.3727

■ 144.3900,
-31.2513, 83.8500

■ 231.2460, -3.0793,
7.6773

■ 130.5010,
-36.2360, 96.0306

■ 245.1350, 1.9054,
-4.5034

■ 116.0250,
-40.9313, 108.7261

■ 250.5150, 2.2111,
-9.2217

■ 101.5490,
-45.6267, 121.4215

■ 95.8270, -47.2427,
126.4397

Harmonies

Analogous

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



189.7330, -4.7984, 45.8382



187.8180, -17.1653, 45.7636



185.8630, -25.5685, 34.3231

Triad

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



187.8180, -17.1653, 45.7636



175.6460, -6.7275, -35.6465



183.8980, 28.1513, -22.7125

Complementary

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



187.8180, -17.1653, 45.7636



205.1820, 17.1653, -45.7636

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.



177.0640, 29.5484, -50.9221



187.8180, -17.1653, 45.7636



171.7540, 9.4883, -56.7893

Square

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



187.8180, -17.1653, 45.7636



179.9560, -20.1913, -10.4854



171.2550, 23.0453, -65.1216



188.8480, 20.7809, 8.0263

Rectangle

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



187.8180, -17.1653, 45.7636



184.6180, -27.4197, 21.3830



171.2550, 23.0453, -65.1216



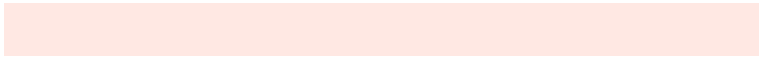
181.5870, 29.7836, -32.9638

Sweetspot

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



187.8180, -17.1653, 45.7636



238.3070, -5.5744, 14.6398



187.2210, 18.6250, 46.2872



117.8440, -3.3741, 8.9068



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.



187.8180, -17.1653, 45.7636



187.6410, -22.0080, 59.0738



213.0590, -29.6091, 23.6273



112.7620, -2.3477, 6.3477



73.8000, -36.3834, 96.6454



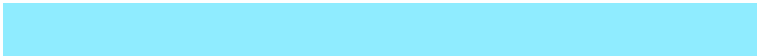
22.6140, -11.1487, 29.2795

Inverse Universe

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



205.1820, 17.1653, -45.7636



210.3590, 22.0080, -59.0738



179.9410, 29.6091, -23.6273



115.2380, 2.3477, -6.3477



110.2000, 36.3834, -96.6454



33.3860, 11.1487, -29.2795

Previews

White Background



This preview shows how the YUV color 187.8180, -17.1653, 45.7636 looks on a white background.

Color Contrast Check

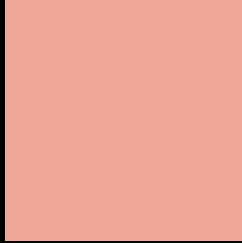
Large Text (above 18pt) WCAG AA × Fail

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 187.8180, -17.1653, 45.7636 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 187.8180, -17.1653, 45.7636

Background



This preview shows how black text looks on a background with the YUV color 187.8180, -17.1653, 45.7636.



This preview shows how white text looks on a background with the YUV color 187.8180, -17.1653,

45.7636.

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

187.8180, -17.1653, 45.7636

Protanopia

185.3680, -11.5204, 8.4473

Deuteranopia

186.8710, -17.6844, 25.5461



Tritanopia

188.8040, -5.8194, 46.6529

Trichromacy



Original Color

187.8180, -17.1653, 45.7636

Protanomaly

186.2880, -13.4530, 21.6724

Deuteranomaly

187.3280, -17.4167, 33.0383

Tritanomaly

188.0660, -9.8925, 46.4231

Monochromacy



Original Color

187.8180, -17.1653, 45.7636

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0900, -6.4534, 16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8180, -17.1653, 45.7636 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(240, 168, 153)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 153)  
}
```

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(240, 168, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 153) }
```

Border

The CSS property to change the border of an element to YUV 187.8180, -17.1653, 45.7636 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(240, 168, 153) }
```


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

```
.border{ border-color:rgb(240, 168, 153) }
```

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

Here you see how a box with a 4 pixel rgb(240, 168, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 153);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 187.8180, -17.1653, 45.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 153) }
```

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

```
.background{ background-color: rgb(240,  
168, 153) }
```

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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