

Converting Colors

YUV(187.4020, -6.1142,
47.8824)

Have a look what the booklet for
YUV(187.4020, -6.1142, 47.8824)
contains.

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Color

**YUV(187.4020, -6.1142,
47.8824)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A2AF
RGB	242, 162, 175
RGB Percent	95%, 64%, 69%
CMY	0.0510, 0.3647, 0.3137
CMYK	0.00, 0.33, 0.28, 0.05
HSL	350°, 75%, 79%
HSV	350°, 33%, 95%
XYZ	57.2761, 47.8131, 46.7675
YIQ	187.4020, 43.5070, 21.0030

Conversions

Conversions Part 2

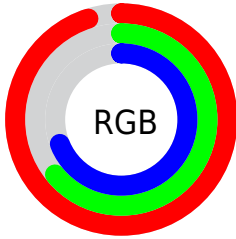
Format	Color
R_{YB}	242, 162, 175
Decimal	15901359
CIE _{Lab}	74.71, 31.35, 5.49
CIE _{LCh}	75, 31.826, 9.934
Yxy	47.8131, 0.3772, 0.3149
Android (android.graphics.Color)	4294091439 (0xFF2A2AF)
YUV	187.4020, -6.1142, 47.8824
Hunter-Lab	69.1470, 26.8487, 8.3021

Details

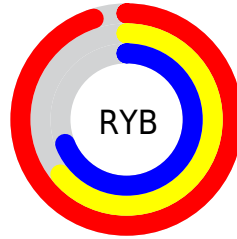
The YUV color $187.4020, -6.1142, 47.8824$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $216.5980, 6.1142, -47.8824$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.4310, -0.2125, 21.5470$, and $133.0210, -4.9404, 44.7086$ is the 20% darker color. If you saturate the color by 10%, you get $171.0340, -7.9048, 62.2372$, and if you desaturate by 10%, it is $203.7700, -4.3236, 33.5277$.

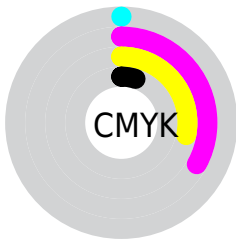
Distribution



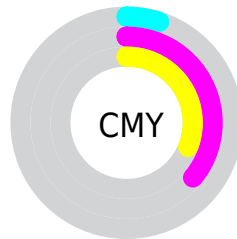
- Red (95%)
- Green (64%)
- Blue (69%)



- Red (95%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (5%)





- Cyan (5%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.4020, -6.1142, 47.8824 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 187.4020, -6.1142, 47.8824 by changing the saturation by 10% instead.


 187.4020, -6.1142,
47.8824


 187.4020, -6.1142,
47.8824

255.0000, 0.0000,
0.0000


 159.8040, -5.8194,
46.6529


 230.4310, -0.2125,
21.5470


 133.0210, -4.9404,
44.7086

 249.7170, 2.6045,
4.6332

 107.1240, -4.4981,
42.8643

 82.2270, -4.0559,
41.0199

 57.5580, -2.7401,
38.9756

 32.1280, -0.5561,
38.4757

 16.1180, -5.4812,

31.4685

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 187.4020, -6.1142,
47.8824

■ 187.4020, -6.1142,
47.8824

■ 171.0340, -7.9048,
62.2372

■ 203.7700, -4.3236,
33.5277

■ 154.5520,
-10.1321, 76.6919

■ 220.2520, -2.0962,
19.0730

■ 137.5970,
-11.6333, 91.5614

■ 237.2070, -0.5951,
4.2035

■ 121.2290,
-13.4239, 105.9162

■ 251.1130, 1.9163,
-7.9921

■ 104.8610,
-15.2145, 120.2709

■ 88.3790, -17.4418,
134.7256

■ 76.8040, -18.6374,
144.8769

Harmonies

Analogous

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



188.6960, 8.0379, 35.3466



187.4020, -6.1142, 47.8824



185.7750, -18.6231, 46.6783

Triad

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



187.4020, -6.1142, 47.8824



177.4610, -19.4543, -13.5593



174.8190, 31.1482, -50.7073

Complementary

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



187.4020, -6.1142, 47.8824



216.5980, 6.1142, -47.8824

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.



168.5150, 25.3821, -67.9807



187.4020, -6.1142, 47.8824



173.0800, -4.9694, -39.5352

Square

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



187.4020, -6.1142, 47.8824



181.2640, -27.2452, 12.0465



168.7040, 11.9779, -62.0074



182.7350, 28.7246, -19.9386

Rectangle

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



187.4020, -6.1142, 47.8824



184.7110, -25.0005, 38.8415



168.7040, 11.9779, -62.0074



172.5360, 30.3018, -59.2291

Sweetspot

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



187.4020, -6.1142, 47.8824



237.9310, -1.9380, 14.9695



191.1530, 25.0676, 33.1918



117.1260, -1.0481, 9.5365



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.



187.4020, -6.1142, 47.8824



185.4360, -7.6099, 61.0076



201.7690, -19.6061, 35.2826



111.8160, -0.8953, 7.1774



58.4360, -14.0189, 110.1196



17.7700, -4.3236, 33.5277

Inverse Universe

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



187.4020, -6.1142, 47.8824



185.4360, -7.6099, 61.0076



202.2310, 19.6061, -35.2826



111.8160, -0.8953, 7.1774



58.4360, -14.0189, 110.1196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 187.4020, -6.1142, 47.8824 looks on a white background.

Color Contrast Check

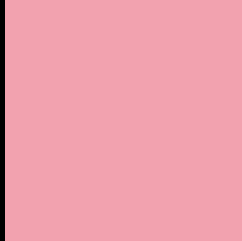
Large Text (above 18pt) WCAG AA × Fail

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 187.4020, -6.1142, 47.8824 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 187.4020, -6.1142, 47.8824 Background



This preview shows how black text looks on a background with the YUV color 187.4020, -6.1142, 47.8824.



This preview shows how white text looks on a background with the YUV color 187.4020, -6.1142,

47.8824.

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

187.4020, -6.1142, 47.8824

Protanopia

184.6520, 1.1576, 2.0592

Deuteranopia

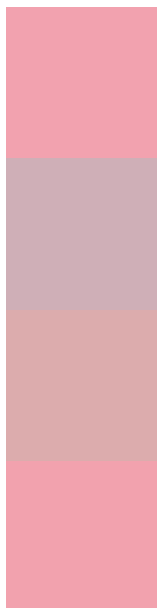
185.9870, -6.8956, 18.4284



Tritanopia

187.2880, -6.5510, 47.9824

Trichromacy



Original Color

187.4020, -6.1142, 47.8824

Protanomaly

185.4800, -1.2226, 18.8730

Deuteranomaly

186.4660, -6.6387, 29.4093

Tritanomaly

187.2880, -6.5510, 47.9824

Monochromacy



Original Color

187.4020, -6.1142, 47.8824

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.2410, -2.0908, 17.3286

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.4020, -6.1142, 47.8824 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(242, 162, 175)` looks like.

```
.text, #text, p{  
    color:rgb(242, 162, 175)  
}
```

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(242, 162, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 162, 175) }
```

Border

The CSS property to change the border of an element to YUV 187.4020, -6.1142, 47.8824 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(242, 162, 175) }
```


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

```
.border{ border-color:rgb(242, 162, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 162, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 162, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 162, 175); box-shadow:4px 4px 4px 4px rgb(242, 162, 175) }
```

Background

The CSS property to change the background color of an element to YUV 187.4020, -6.1142, 47.8824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 162, 175) }
```

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

```
.background{ background-color: rgb(242,  
162, 175) }
```

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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