

Converting Colors

YUV(165.1820, -12.4147,
62.1074)

Have a look what the booklet for
YUV(165.1820, -12.4147, 62.1074)
contains.

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Color

**YUV(165.1820, -12.4147,
62.1074)**

Conversions

Conversions Part 1

Format	Color
Hex	EC868C
RGB	236, 134, 140
RGB Percent	93%, 53%, 55%
CMY	0.0745, 0.4745, 0.4510
CMYK	0.00, 0.43, 0.41, 0.07
HSL	356°, 73%, 73%
HSV	356°, 43%, 93%
XYZ	47.8508, 36.7765, 29.3875
YIQ	165.1820, 58.8660, 23.4900

Conversions

Conversions Part 2

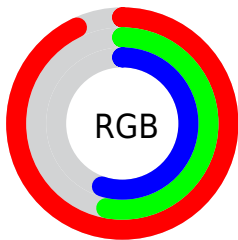
Format	Color
R _Y B	236, 134, 140
Decimal	15500940
CIE Lab	67.11, 39.53, 14.04
CIE LCh	67, 41.950, 19.555
Yxy	36.7765, 0.4197, 0.3226
Android (android.graphics.Color)	4293691020 (0xFFEC868C)
YUV	165.1820, -12.4147, 62.1074
Hunter-Lab	60.6436, 34.7188, 13.7190

Details

The YUV color **165.1820, -12.4147, 62.1074** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.8180, 12.4147, -62.1074**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1900, -7.9817, 40.1754**, and **111.3170, -10.5093, 57.6040** is the 20% darker color. If you saturate the color by 10%, you get **148.5860, -15.0789, 76.6621**, and if you desaturate by 10%, it is **181.7780, -9.7506, 47.5527**.

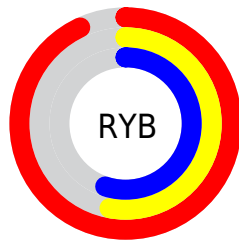
Distribution



Red (93%)

Green (53%)

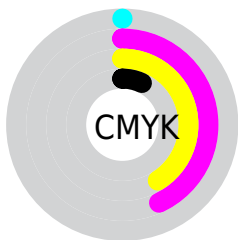
Blue (55%)



Red (93%)

Yellow (53%)

Blue (55%)

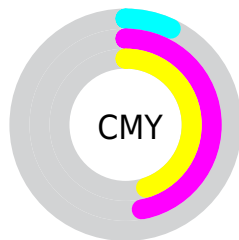


Cyan (0%)

Magenta (43%)

Yellow (41%)

Black (7%)



Cyan (7%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1820, -12.4147, 62.1074 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 165.1820, -12.4147, 62.1074 by changing the saturation by 10% instead.

■ 165.1820,
-12.4147, 62.1074

■ 165.1820,
-12.4147, 62.1074

255.0000, 0.0000,
0.0000

■ 138.1000,
-11.3883, 59.5483

■ 209.1900, -7.9817,
40.1754

■ 111.3170,
-10.5093, 57.6040

■ 228.8180, -3.8543,
22.9616

■ 84.7620, -8.7567,
55.4597

■ 249.1470, 0.4205,
5.1331

■ 58.6200, -6.7147,
53.8303

■ 30.2440, -3.0783,
54.1600

■ 19.7340, -9.7289,
40.5753

■ 12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 165.1820,
-12.4147, 62.1074

■ 165.1820,
-12.4147, 62.1074

■ 148.5860,
-15.0789, 76.6621

■ 181.7780, -9.7506,
47.5527

■ 132.5770,
-18.0325, 90.7020

■ 197.7870, -6.7970,
33.5128

■ 115.8670,
-21.1334, 105.3566

■ 214.4970, -3.6960,
18.8581

■ 99.8580, -24.0870,
119.3965

■ 230.5060, -0.7425,
4.8182

■ 83.2620, -26.7512,
133.9512

■ 247.1020, 1.9217,
-9.7365

■ 72.1600, -28.6729,
143.6877

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



167.1220, 5.3629, 53.3900



165.1820, -12.4147, 62.1074



163.4140, -27.8121, 54.0109

Triad

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



165.1820, -12.4147, 62.1074



152.9490, -19.6949, -29.7733



149.8200, 42.9797, -65.6171

Complementary

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



165.1820, -12.4147, 62.1074



204.8180, 12.4147, -62.1074

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.



130.1530, 44.2946, -114.1442



165.1820, -12.4147, 62.1074



142.5430, 2.6903, -69.7592

Square

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



165.1820, -12.4147, 62.1074



157.9010, -33.4752, 3.5948



128.7390, 28.7227, -112.9041



163.3750, 34.8181, -14.3609

Rectangle

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



165.1820, -12.4147, 62.1074



162.3170, -34.1733, 40.9410



128.7390, 28.7227, -112.9041



140.6600, 45.5236, -88.2788

Sweetspot

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



165.1820, -12.4147, 62.1074



232.0950, -3.9908, 20.0877



174.0330, 30.5497, 48.2061



113.3930, -2.6587, 12.8103



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.



165.1820, -12.4147, 62.1074



162.6790, -16.1107, 80.9655



190.3260, -27.7687, 40.0561



109.2890, -1.6215, 6.7625



55.3730, -21.8759, 110.1749



16.4880, -6.6496, 32.8980

Inverse Universe

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



165.1820, -12.4147, 62.1074



162.6790, -16.1107, 80.9655



179.6740, 27.7687, -40.0561



109.2890, -1.6215, 6.7625



55.3730, -21.8759, 110.1749



16.4880, -6.6496, 32.8980

Previews

White Background



This preview shows how the YUV color 165.1820, -12.4147, 62.1074 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 165.1820, -12.4147, 62.1074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

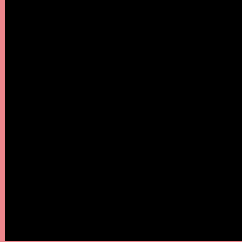
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.1820, -12.4147, 62.1074

Background



This preview shows how black text looks on a background with the YUV color 165.1820, -12.4147, 62.1074.



This preview shows how white text looks on a background with the YUV color 165.1820, -12.4147, 62.1074.

62.1074.

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

165.1820, -12.4147, 62.1074

Protanopia

163.8820, -4.3788, 4.4885

Deuteranopia

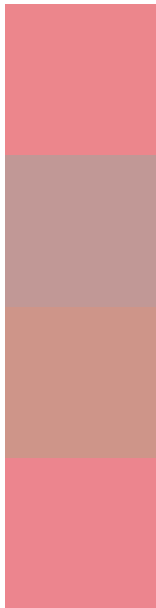
164.1740, -13.8898, 21.7724



Tritanopia

164.9370, -10.8149, 62.3223

Trichromacy



Original Color

165.1820, -12.4147, 62.1074

Protanomaly

164.0310, -6.9173, 25.4058

Deuteranomaly

164.6750, -13.6438, 36.2420

Tritanomaly

164.8230, -11.2517, 62.4222

Monochromacy



Original Color

165.1820, -12.4147, 62.1074

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2910, -4.5805, 22.5468

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1820, -12.4147, 62.1074 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(236, 134, 140)` looks like.

```
.text, #text, p{  
    color:rgb(236, 134, 140)  
}
```

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(236, 134, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 134, 140) }
```

Border

The CSS property to change the border of an element to YUV 165.1820, -12.4147, 62.1074 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(236, 134, 140) }
```


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

```
.border{ border-color:rgb(236, 134, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 134, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 134, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 134, 140);  
box-shadow:4px 4px 4px 4px rgb(236, 134,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 165.1820, -12.4147, 62.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 134, 140) }
```

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

```
.background{ background-color: rgb(236,  
134, 140) }
```

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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