

Converting Colors

YUV(175.1010, 20.6562,
48.1464)

Have a look what the booklet for
YUV(175.1010, 20.6562, 48.1464)
contains.

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Color

**YUV(175.1010, 20.6562,
48.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	E68BD9
RGB	230, 139, 217
RGB Percent	90%, 55%, 85%
CMY	0.0980, 0.4549, 0.1490
CMYK	0.00, 0.40, 0.06, 0.10
HSL	309°, 65%, 72%
HSV	309°, 40%, 90%
XYZ	54.3901, 40.2980, 70.5573
YIQ	175.1010, 29.1980, 43.5500

Conversions

Conversions Part 2

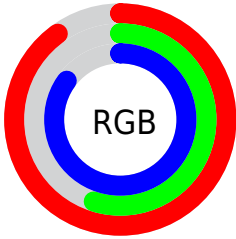
Format	Color
R_{YB}	230, 139, 217
Decimal	15109081
CIE _{Lab}	69.68, 45.79, -25.34
CIE _{LCh}	70, 52.340, 331.038
Yxy	40.2980, 0.3291, 0.2439
Android (android.graphics.Color)	4293299161 (0xFFE68BD9)
YUV	175.1010, 20.6562, 48.1464
Hunter-Lab	63.4807, 41.8472, -21.4629

Details

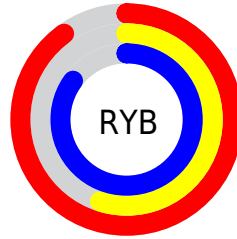
The YUV color **175.1010, 20.6562, 48.1464** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **193.8990, -20.6562, -48.1464**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1930, 17.6529, 31.4027**, and **120.6770, 20.3722, 45.8873** is the 20% darker color. If you saturate the color by 10%, you get **161.2580, 26.0018, 60.2867**, and if you desaturate by 10%, it is **188.9440, 15.3106, 36.0061**.

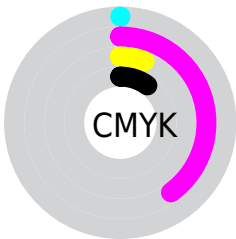
Distribution



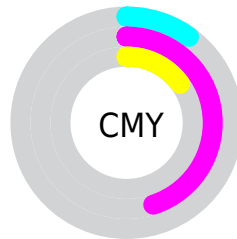
- Red (90%)
- Green (55%)
- Blue (85%)



- Red (90%)
- Yellow (55%)
- Blue (85%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.1010, 20.6562, 48.1464 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 175.1010, 20.6562, 48.1464 by changing the saturation by 10% instead.

175.1010, 20.6562,
48.1464

175.1010, 20.6562,
48.1464

255.0000, 0.0000,
0.0000

147.3890, 20.5142,
47.0168

219.1930, 17.6529,
31.4027

120.6770, 20.3722,
45.8873

236.2160, 9.2605,
16.4736

94.0790, 20.6671,
44.6577

253.2390, 0.8682,
1.5444

67.7800, 20.8145,
44.0429

37.1980, 23.5664,
48.0614

26.8020, 17.3526,
34.3766

18.0150, 10.8386,

23.6658

■ 1.9380, 7.4256,
-1.6996

■ 0.0000, 0.0000,
0.0000

■ 175.1010, 20.6562,
48.1464

■ 175.1010, 20.6562,
48.1464

■ 161.2580, 26.0018,
60.2867

■ 188.9440, 15.3106,
36.0061

■ 147.3010, 30.9106,
72.5270

■ 202.9010, 10.4018,
23.7658

■ 133.4580, 36.2562,
84.6673

■ 216.7440, 5.0562,
11.6255

■ 119.6150, 41.6018,
96.8076

■ 230.5870, -0.2894,
-0.5148

105.7720, 46.9474,
108.9480

244.4300, -5.6350,
-12.6551

91.8150, 51.8562,
121.1882

245.4730, -4.1772,
-13.5698

91.2280, 52.1456,
121.7030

245.8150, -2.8668,
-13.8698

246.1570, -1.5564,
-14.1697

246.6130, 0.1908,
-14.5696

Harmonies

Analogous

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



173.2120, 38.8425, 1.5681



175.1010, 20.6562, 48.1464



171.9350, -0.9540, 72.8480

Triad

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



175.1010, 20.6562, 48.1464



165.3140, -46.4968, 26.9116



138.1430, 39.3695, -121.1514

Complementary

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



175.1010, 20.6562, 48.1464



193.8990, -20.6562, -48.1464

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.



133.2580, 18.1138, -116.8673



175.1010, 20.6562, 48.1464



160.7760, -37.3576, -11.2046

Square

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



175.1010, 20.6562, 48.1464



168.5210, -40.1899, 57.4251



150.8530, -14.2245, -57.7531



138.4970, 55.9570, -121.4619

Rectangle

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



175.1010, 20.6562, 48.1464



169.5750, -15.0735, 74.9177



150.8530, -14.2245, -57.7531



137.0200, 32.5281, -120.1665

Sweetspot

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



175.1010, 20.6562, 48.1464



236.3470, 7.2239, 16.3587



152.9620, 37.9797, -1.7207



117.0920, 3.8986, 9.5663



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.



175.1010, 20.6562, 48.1464



182.6220, 27.3014, 63.4755



169.9710, 1.0003, 52.6454



107.7280, 2.5991, 6.3775



70.9630, 40.4442, 94.7484



20.2650, 11.7014, 26.9546

Inverse Universe

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



175.1010, 20.6562, 48.1464



182.6220, 27.3014, 63.4755



199.0290, -1.0003, -52.6454



107.7280, 2.5991, 6.3775



70.9630, 40.4442, 94.7484



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 175.1010, 20.6562, 48.1464 looks on a white background.

Color Contrast Check

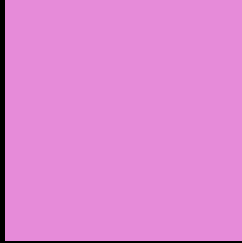
Large Text (above 18pt) WCAG AA × Fail

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 175.1010, 20.6562, 48.1464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

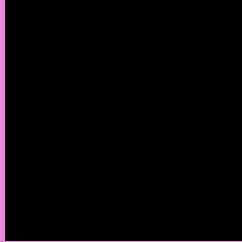
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.1010, 20.6562, 48.1464

Background



This preview shows how black text looks on a background with the YUV color 175.1010, 20.6562, 48.1464.



This preview shows how white text looks on a background with the YUV color 175.1010, 20.6562, 48.1464.

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

175.1010, 20.6562, 48.1464

Protanopia

170.4130, 33.8134, -18.7792

Deuteranopia

171.8310, 19.8033, -5.1138



Tritanopia

173.1950, -5.5191, 43.6790

Trichromacy



Original Color

175.1010, 20.6562, 48.1464



Protanomaly

171.7150, 29.2275, 5.5119



Deuteranomaly

173.0660, 20.1805, 13.9741



Tritanomaly

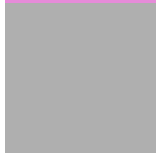
174.0240, 3.9322, 45.5830

Monochromacy



Original Color

175.1010, 20.6562, 48.1464



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.0590, 7.3659, 17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.1010, 20.6562, 48.1464 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(230, 139, 217)` looks like.

```
.text, #text, p{  
    color:rgb(230, 139, 217)  
}
```

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(230, 139, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 139, 217) }
```

Border

The CSS property to change the border of an element to YUV 175.1010, 20.6562, 48.1464 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(230, 139, 217) }
```


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

```
.border{ border-color:rgb(230, 139, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 139, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 139, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 139, 217);  
box-shadow:4px 4px 4px 4px rgb(230, 139,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 175.1010, 20.6562, 48.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 139, 217) }
```

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

```
.background{ background-color: rgb(230,  
139, 217) }
```

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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