

Converting Colors

YUV(87.2230, 1.8621, 9.4514)

Have a look what the booklet for
YUV(87.2230, 1.8621, 9.4514)
contains.

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Color

**YUV(87.2230, 1.8621,
9.4514)**

Conversions

Conversions Part 1

Format	Color
Hex	62515B
RGB	98, 81, 91
RGB Percent	38%, 32%, 36%
CMY	0.6157, 0.6824, 0.6431
CMYK	0.00, 0.17, 0.07, 0.62
HSL	325°, 9%, 35%
HSV	325°, 17%, 38%
XYZ	9.8678, 9.2369, 11.1603
YIQ	87.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

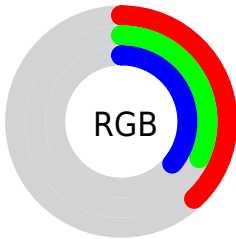
Format	Color
R_{YB}	98, 81, 91
Decimal	6443355
CIE Lab	36.44, 8.98, -3.19
CIE LCh	36, 9.529, 340.435
Yxy	9.2369, 0.3260, 0.3052
Android (android.graphics.Color)	4284633435 (0xFF62515B)
YUV	87.2230, 1.8621, 9.4514
Hunter-Lab	30.3922, 4.7691, -0.4974

Details

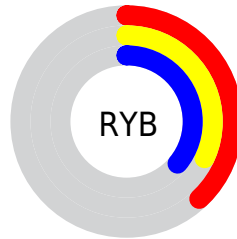
The YUV color **87.2230, 1.8621, 9.4514** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.7770, -1.8621, -9.4514**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9350, 2.0040, 10.5810**, and **41.5110, 1.7201, 8.3219** is the 20% darker color. If you saturate the color by 10%, you get **80.8970, 3.0088, 14.9993**, and if you desaturate by 10%, it is **93.5490, 0.7153, 3.9035**.

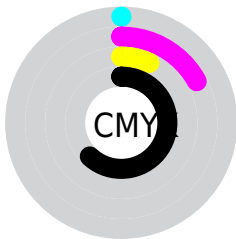
Distribution



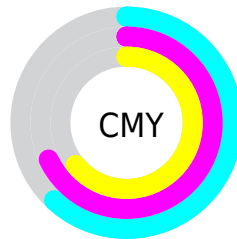
- Red (38%)
- Green (32%)
- Blue (36%)



- Red (38%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (62%)



- Cyan (62%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2230, 1.8621, 9.4514 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 87.2230, 1.8621, 9.4514 by changing the saturation by 10% instead.

■ 87.2230, 1.8621,
9.4514

■ 87.2230, 1.8621,
9.4514

■ 255.0000, 0.0000,
0.0000

■ 63.9240, 2.0095,
8.8367

■ 136.9350, 2.0040,
10.5810

■ 41.5110, 1.7201,
8.3219

■ 163.2340, 1.8566,
11.1958

■ 21.2120, 1.8675,
7.7071

■ 190.3480, 2.2934,
11.0958

■ 0.0000, 0.0000,
0.0000

■ 218.3480, 2.2934,
11.0958

■ 245.1520, 2.8831,
8.6367

87.2230, 1.8621,
9.4514

87.2230, 1.8621,
9.4514

80.8970, 3.0088,
14.9993

93.5490, 0.7153,
3.9035

74.5710, 4.1555,
20.5472

99.8750, -0.4314,
-1.6444

68.8320, 5.0128,
25.5803

105.6140, -1.2887,
-6.6775

62.5060, 6.1595,
31.1282

111.9400, -2.4354,
-12.2254

56.1800, 7.3063,
36.6761

118.2660, -3.5821,
-17.7733

49.8540, 8.4530,
42.2240

124.5920, -4.7289,
-23.3212

43.5280, 9.5997,
47.7719

130.9180, -5.8756,
-28.8691

37.7890, 10.4570,

136.6570, -6.7329,

52.8050

-33.9022

■ 35.9140, 10.8884,
54.4494

■ 142.9830, -7.8796,
-39.4501

Harmonies

Analogous

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



86.6890, 5.0833, 2.9037



87.2230, 1.8621, 9.4514



86.9200, -1.9326, 13.2252

Triad

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



87.2230, 1.8621, 9.4514



85.1870, -6.9942, 3.3440



83.3940, 5.7218, -15.2545

Complementary

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



87.2230, 1.8621, 9.4514



91.7770, -1.8621, -9.4514

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.



82.8950, 2.5168, -13.9399



87.2230, 1.8621, 9.4514



84.0120, -4.9359, -3.5185

Square

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



87.2230, 1.8621, 9.4514



86.2200, -7.0105, 8.5771



83.4780, -1.7147, -10.0662



84.5840, 7.6001, -11.0362

Rectangle

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



87.2230, 1.8621, 9.4514



86.9370, -4.4059, 13.2103



83.4780, -1.7147, -10.0662



83.1660, 4.8482, -15.0546

Sweetspot

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



87.2230, 1.8621, 9.4514



123.5490, 0.7153, 3.9035



85.0310, 6.3937, 2.6038



61.4240, 0.2840, 2.2592



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



87.2230, 1.8621, 9.4514



110.7830, 2.5720, 15.0993



86.3110, -1.6323, 10.2513



45.4240, 0.2840, 2.2592



41.0120, 12.3191, 62.2565



87.8340, 26.2108, 133.4496

Inverse Universe

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



87.2230, 1.8621, 9.4514



110.7830, 2.5720, 15.0993



92.6890, 1.6323, -10.2513



45.4240, 0.2840, 2.2592



41.0120, 12.3191, 62.2565



87.8340, 26.2108, 133.4496

Previews

White Background



This preview shows how the YUV color 87.2230, 1.8621, 9.4514 looks on a white 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

Black Background



This preview shows how the YUV color 87.2230, 1.8621, 9.4514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

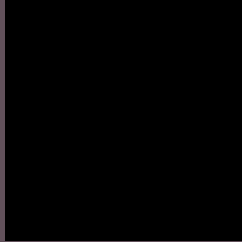
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2230, 1.8621, 9.4514

Background



This preview shows how black text looks on a background with the YUV color 87.2230, 1.8621, 9.4514.



This preview shows how white text looks on a background with the YUV color 87.2230, 1.8621, 9.4514.

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

87.2230, 1.8621, 9.4514

Protanopia

86.0260, 3.9312, -0.8998

Deuteranopia

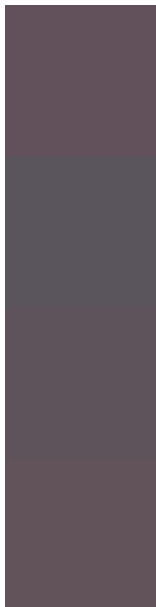
86.6030, 2.1677, 4.7332



Tritanopia

87.4680, 0.2623, 9.2366

Trichromacy



Original Color

87.2230, 1.8621, 9.4514

Protanomaly

86.8200, 3.0467, 2.7889

Deuteranomaly

86.6140, 2.1623, 6.4775

Tritanomaly

87.5820, 0.6991, 9.1366

Monochromacy



Original Color

87.2230, 1.8621, 9.4514

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1360, 0.4260, 3.3887

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2230, 1.8621, 9.4514 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(98, 81, 91)` looks like.

```
.text, #text, p{  
    color:rgb(98, 81, 91)  
}
```

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(98, 81, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 81, 91) }
```

Border

The CSS property to change the border of an element to YUV 87.2230, 1.8621, 9.4514 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(98, 81, 91) }
```


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

```
.border{ border-color:rgb(98, 81, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 81, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 81, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 81, 91);  
box-shadow:4px 4px 4px 4px rgb(98, 81, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.2230, 1.8621, 9.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 81, 91) }
```

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

```
.background{ background-color: rgb(98, 81,  
91) }
```

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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