

Converting Colors

YUV(64.7590, 12.4438, 22.1364)

Have a look what the booklet for
YUV(64.7590, 12.4438, 22.1364)
contains.

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Color

**YUV(64.7590, 12.4438,
22.1364)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2F5A
RGB	90, 47, 90
RGB Percent	35%, 18%, 35%
CMY	0.6471, 0.8157, 0.6471
CMYK	0.00, 0.48, 0.00, 0.65
HSL	300°, 31%, 27%
HSV	300°, 48%, 35%
XYZ	7.0784, 4.9449, 10.2542
YIQ	64.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

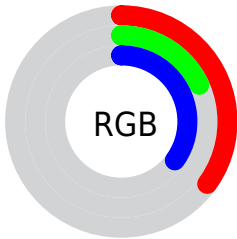
Format	Color
R_{YB}	90, 47, 90
Decimal	5910362
CIE _{Lab}	26.58, 26.84, -17.58
CIE _{LCh}	27, 32.088, 326.769
Yxy	4.9449, 0.3177, 0.2220
Android (android.graphics.Color)	4284100442 (0xFF5A2F5A)
YUV	64.7590, 12.4438, 22.1364
Hunter-Lab	22.2371, 17.9046, -11.7746

Details

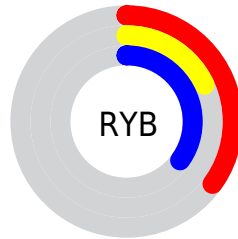
The YUV color **64.7590, 12.4438, 22.1364** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **72.2410, -12.4438, -22.1364**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.8840, 12.8752, 23.7807**, and **19.0470, 12.3018, 21.0068** is the 20% darker color. If you saturate the color by 10%, you get **59.4760, 15.0483, 26.7695**, and if you desaturate by 10%, it is **70.0420, 9.8393, 17.5032**.

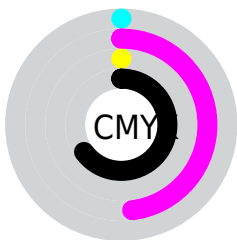
Distribution



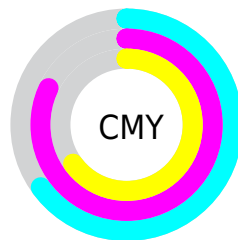
- Red (35%)
- Green (18%)
- Blue (35%)



- Red (35%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (48%)
- Yellow (0%)
- Black (65%)



- Cyan (65%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7590, 12.4438, 22.1364 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 64.7590, 12.4438, 22.1364 by changing the saturation by 10% instead.

64.7590, 12.4438,
22.1364

64.7590, 12.4438,
22.1364

255.0000, 0.0000,
0.0000

41.3460, 12.1544,
21.6216

113.8840, 12.8752,
23.7807

19.0470, 12.3018,
21.0068

139.7100, 13.4540,
24.8103

7.7050, 7.5404,
8.1517

166.4220, 13.5960,
25.9399

0.0000, 0.0000,
0.0000

193.8350, 13.8853,
26.4547

221.5470, 14.0273,
27.5843

239.1510, 7.8136,

13.8996

■ 64.7590, 12.4438,
22.1364

■ 64.7590, 12.4438,
22.1364

■ 59.4760, 15.0483,
26.7695

■ 70.0420, 9.8393,
17.5032

■ 54.1930, 17.6529,
31.4027

■ 75.3250, 7.2348,
12.8700

■ 48.9100, 20.2574,
36.0359

■ 80.6080, 4.6303,
8.2368

■ 43.6270, 22.8619,
40.6691

■ 85.8910, 2.0257,
3.6036

■ 38.3440, 25.4664,
45.3023

■ 91.1740, -0.5788,
-1.0296

■ 37.1700, 26.0452,
46.3319

■ 96.4570, -3.1833,
-5.6628

■ 101.7400, -5.7878,
-10.2960

■ 107.0230, -8.3923,
-14.9292

■ 112.3060,
-10.9969, -19.5624

Harmonies

Analogous

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



63.2980, 21.5451, -3.7693



64.7590, 12.4438, 22.1364



62.5130, 2.2121, 37.2611

Triad

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



64.7590, 12.4438, 22.1364



60.1550, -25.2194, 15.6501



53.0140, 15.2761, -46.4933

Complementary

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



64.7590, 12.4438, 22.1364



72.2410, -12.4438, -22.1364

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.



50.1640, 4.3561, -43.9938



64.7590, 12.4438, 22.1364



57.7720, -21.0866, -3.3080

Square

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



64.7590, 12.4438, 22.1364



61.1490, -19.3005, 30.5643



52.2340, -8.4964, -28.2692



54.0060, 24.1540, -47.3633

Rectangle

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



64.7590, 12.4438, 22.1364



61.7600, -5.7977, 39.6755



52.2340, -8.4964, -28.2692



52.6890, 11.4923, -46.2083

Sweetspot

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



64.7590, 12.4438, 22.1364



107.6080, 4.6303, 8.2368



51.9020, 18.7823, -4.2991



53.1300, 2.8939, 5.1480



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



64.7590, 12.4438, 22.1364



77.6710, 19.3892, 34.4915



62.3650, 3.2711, 24.2359



43.0650, 1.4470, 2.5740



45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Inverse Universe

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



64.7590, 12.4438, 22.1364



77.6710, 19.3892, 34.4915



74.7490, -2.8343, -24.3359



43.0650, 1.4470, 2.5740



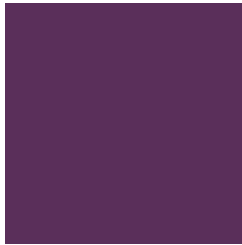
45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 64.7590, 12.4438, 22.1364 looks on a white background.

Color Contrast Check

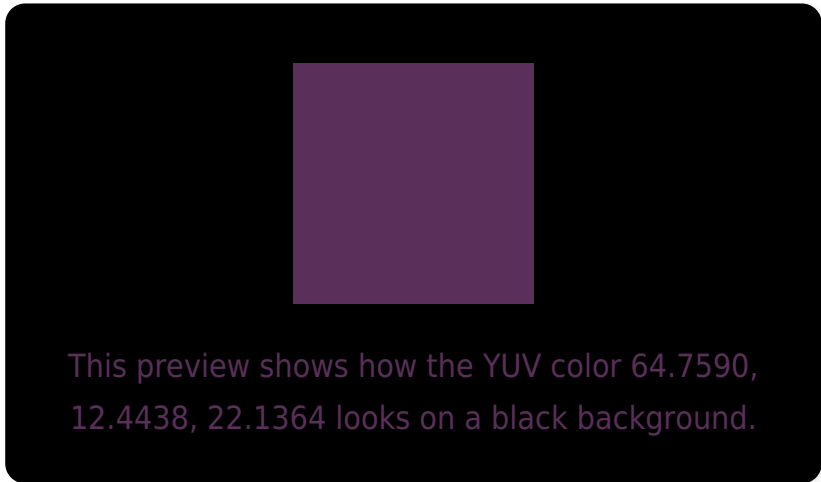
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

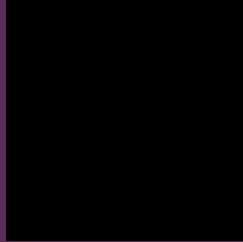
Any Text WCAG AA × Fail

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 64.7590, 12.4438, 22.1364 Background



This preview shows how black text looks on a background with the YUV color 64.7590, 12.4438, 22.1364.



This preview shows how white text looks on a background with the YUV color 64.7590, 12.4438,

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

64.7590, 12.4438, 22.1364

Protanopia

62.4880, 19.9724, -12.7060

Deuteranopia

63.6430, 11.5150, -6.7029



Tritanopia

64.1380, -2.5330, 19.1730

Trichromacy



Original Color

64.7590, 12.4438, 22.1364

Protanomaly

63.4680, 17.0243, -0.4104

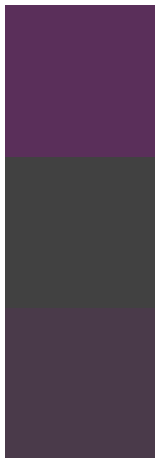
Deuteranomaly

63.8230, 11.9193, 3.6632

Tritanomaly

63.9300, 2.9925, 20.2324

Monochromacy



Original Color

64.7590, 12.4438, 22.1364

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7590, 12.4438, 22.1364 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(90, 47, 90)` looks like.

```
.text, #text, p{  
    color:rgb(90, 47, 90)  
}
```

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(90, 47, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 47, 90) }
```

Border

The CSS property to change the border of an element to YUV 64.7590, 12.4438, 22.1364 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(90, 47, 90) }
```


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

```
.border{ border-color:rgb(90, 47, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 47, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 47, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 47, 90);  
box-shadow:4px 4px 4px 4px rgb(90, 47, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.7590, 12.4438, 22.1364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 47, 90) }
```

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

```
.background{ background-color: rgb(90, 47,  
90) }
```

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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