

Converting Colors

YUV(62.6050, 19.4217, 24.0254)

Have a look what the booklet for
YUV(62.6050, 19.4217, 24.0254)
contains.

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Color

**YUV(62.6050, 19.4217,
24.0254)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2966
RGB	90, 41, 102
RGB Percent	35%, 16%, 40%
CMY	0.6471, 0.8392, 0.6000
CMYK	0.12, 0.60, 0.00, 0.60
HSL	288°, 43%, 28%
HSV	288°, 60%, 40%
XYZ	7.4077, 4.7188, 13.0908
YIQ	62.6050, 9.6230, 29.3590

Conversions

Conversions Part 2

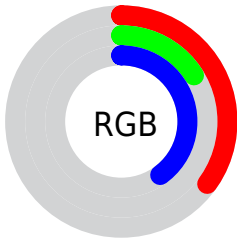
Format	Color
R_{YB}	90, 41, 102
Decimal	5908838
CIE _{Lab}	25.92, 32.89, -26.44
CIE _{LCh}	26, 42.201, 321.209
Yxy	4.7188, 0.2938, 0.1871
Android (android.graphics.Color)	4284098918 (0xFF5A2966)
YUV	62.6050, 19.4217, 24.0254
Hunter-Lab	21.7229, 22.8547, -20.5236

Details

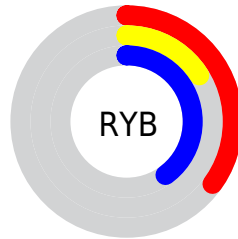
The YUV color **62.6050, 19.4217, 24.0254** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **80.3950, -19.4217, -24.0254**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.1430, 20.1425, 26.1846**, and **18.8280, 17.8328, 20.3218** is the 20% darker color. If you saturate the color by 10%, you get **56.1370, 22.6105, 27.9439**, and if you desaturate by 10%, it is **69.0730, 16.2330, 20.1070**.

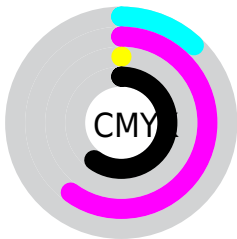
Distribution



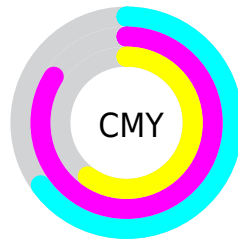
- Red (35%)
- Green (16%)
- Blue (40%)



- Red (35%)
- Yellow (16%)
- Blue (40%)



- Cyan (12%)
- Magenta (60%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6050, 19.4217, 24.0254 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 62.6050, 19.4217, 24.0254 by changing the saturation by 10% instead.

62.6050, 19.4217,
24.0254

62.6050, 19.4217,
24.0254

255.0000, 0.0000,
0.0000

38.3060, 19.5691,
23.4106

112.1430, 20.1425,
26.1846

18.8280, 17.8328,
20.3218

137.9690, 20.7213,
27.2142

8.5460, 12.0558,
6.5372

164.7950, 21.3001,
28.2438

0.5700, 2.1840,
-0.4999

192.2080, 21.5895,
28.7586

0.0000, 0.0000,
0.0000

219.4810, 17.5109,
30.2732

236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

62.6050, 19.4217,
24.0254

62.6050, 19.4217,
24.0254

56.1370, 22.6105,
27.9439

69.0730, 16.2330,
20.1070

49.6690, 25.7992,
31.8623

75.5410, 13.0443,
16.1885

42.6140, 29.2773,
36.2955

82.5960, 9.5662,
11.7553

36.1460, 32.4660,
40.2140

89.0640, 6.3774,
7.8369

95.5320, 3.1887,
3.9184

■ 102.0000, 0.0000,
0.0000

■ 108.4680, -3.1887,
-3.9184

■ 115.5230, -6.6668,
-8.3517

■ 121.9910, -9.8556,
-12.2701

Harmonies

Analogous

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



58.4300, 31.3400, -18.7941



62.6050, 19.4217, 24.0254



57.2570, 7.2683, 48.8866

Triad

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



62.6050, 19.4217, 24.0254



58.5750, -28.8775, 22.2977



54.1880, 14.6973, -47.5229

Complementary

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



62.6050, 19.4217, 24.0254



80.3950, -19.4217, -24.0254

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.



49.8390, 0.5724, -43.7088



62.6050, 19.4217, 24.0254



55.4750, -27.3492, -1.2936

Square

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



62.6050, 19.4217, 24.0254



57.0750, -23.7010, 42.0302



44.8000, -13.7054, -37.5356



56.0920, 27.0696, -49.1927

Rectangle

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



62.6050, 19.4217, 24.0254



54.8850, -1.9153, 54.4749



44.8000, -13.7054, -37.5356



52.9340, 9.8925, -46.4231

Sweetspot

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



62.6050, 19.4217, 24.0254



117.4170, 7.6824, 9.2813



54.9980, 23.1720, -12.2762



56.8850, 4.4937, 5.3629



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



62.6050, 19.4217, 24.0254



70.9670, 30.5823, 37.7399



64.1410, 9.7905, 33.2023



47.7660, 1.5944, 1.9592



40.6180, 36.6703, 45.0620



85.8930, 76.9608, 95.6868

Inverse Universe

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



60.6070, -3.7503, 36.3017



67.8700, -5.8519, 57.1190



78.8590, -9.7905, -33.2023



47.6090, -0.3002, 2.9739



37.0070, -6.9055, 68.3999



77.8300, -14.7062, 143.9771

Previews

White Background



This preview shows how the YUV color 62.6050, 19.4217, 24.0254 looks on a white background.

Color Contrast Check

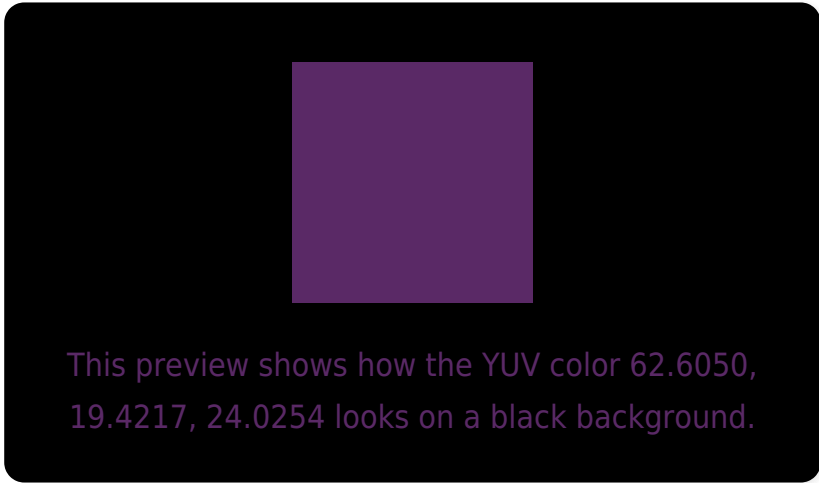
Large Text (above 18pt) WCAG AA ✓ Pass

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

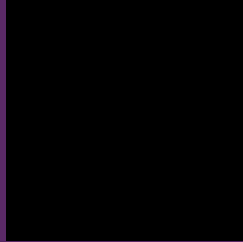
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.6050, 19.4217, 24.0254

Background



This preview shows how black text looks on a background with the YUV color 62.6050, 19.4217, 24.0254.



This preview shows how white text looks on a background with the YUV color 62.6050, 19.4217,

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

62.6050, 19.4217, 24.0254

Protanopia

56.7880, 31.6565, -27.0011

Deuteranopia

60.1240, 18.6729, -15.8947



Tritanopia

62.7250, -2.8224, 18.6582

Trichromacy



Original Color

62.6050, 19.4217, 24.0254

Protanomaly

58.7580, 27.2343, -8.5578

Deuteranomaly

60.6250, 18.9189, -1.4251

Tritanomaly

62.7990, 5.0291, 20.3473

Monochromacy



Original Color

62.6050, 19.4217, 24.0254

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8900, 6.9562, 8.8665

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6050, 19.4217, 24.0254 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, 41, 102)` looks like.

```
.text, #text, p{  
    color:rgb(90, 41, 102)  
}
```

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, 41, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 41, 102) }
```

Border

The CSS property to change the border of an element to YUV 62.6050, 19.4217, 24.0254 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, 41, 102) }
```


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

```
.border{ border-color:rgb(90, 41, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 41, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 41, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 41, 102);  
box-shadow:4px 4px 4px 4px rgb(90, 41,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 62.6050, 19.4217, 24.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 41, 102) }
```

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

```
.background{ background-color: rgb(90, 41,  
102) }
```

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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