

Converting Colors

YUV(62.9310, 18.2750, 18.4775)

Have a look what the booklet for
YUV(62.9310, 18.2750, 18.4775)
contains.

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Color

**YUV(62.9310, 18.2750,
18.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	542D64
RGB	84, 45, 100
RGB Percent	33%, 18%, 39%
CMY	0.6706, 0.8235, 0.6078
CMYK	0.16, 0.55, 0.00, 0.61
HSL	283°, 38%, 28%
HSV	283°, 55%, 39%
XYZ	6.8948, 4.6817, 12.5969
YIQ	62.9310, 5.5890, 25.3730

Conversions

Conversions Part 2

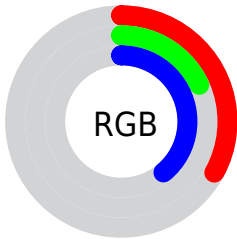
Format	Color
R _Y B	84, 45, 100
Decimal	5516644
CIE Lab	25.81, 28.32, -25.37
CIE LCh	26, 38.023, 318.145
Yxy	4.6817, 0.2852, 0.1937
Android (android.graphics.Color)	4283706724 (0xFF542D64)
YUV	62.9310, 18.2750, 18.4775
Hunter-Lab	21.6372, 19.0147, -19.3717

Details

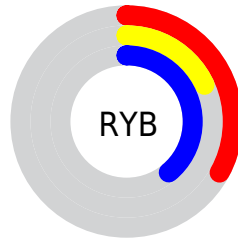
The YUV color **62.9310, 18.2750, 18.4775** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **82.0690, -18.2750, -18.4775**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.5830, 19.4326, 20.5367**, and **17.1050, 17.6962, 17.4479** is the 20% darker color. If you saturate the color by 10%, you get **56.1640, 21.6111, 21.7812**, and if you desaturate by 10%, it is **69.6980, 14.9389, 15.1739**.

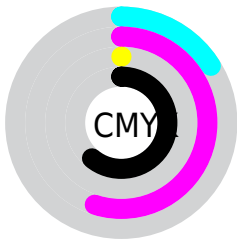
Distribution



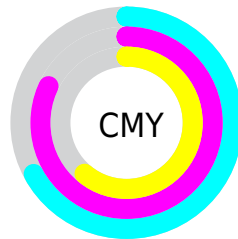
- Red (33%)
- Green (18%)
- Blue (39%)



- Red (33%)
- Yellow (18%)
- Blue (39%)



- Cyan (16%)
- Magenta (55%)
- Yellow (0%)
- Black (61%)



- Cyan (67%)
- Magenta (82%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.9310, 18.2750, 18.4775 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 62.9310, 18.2750, 18.4775 by changing the saturation by 10% instead.

■ 62.9310, 18.2750,
18.4775

■ 62.9310, 18.2750,
18.4775

■ 255.0000, 0.0000,
0.0000

■ 39.5180, 17.9856,
17.9627

■ 111.5830, 19.4326,
20.5367

■ 17.1050, 17.6962,
17.4479

■ 137.9960, 19.7220,
21.0515

■ 5.0290, 12.8037,
-0.0254

■ 163.9360, 20.7376,
21.9811

■ 0.2280, 0.8736,
-0.2000

■ 191.3490, 21.0269,
22.4959

■ 0.0000, 0.0000,
0.0000

■ 218.8500, 17.8220,
23.8106

■ 237.9770, 8.3923,

14.9292

■ 62.9310, 18.2750,
18.4775

■ 62.9310, 18.2750,
18.4775

■ 56.1640, 21.6111,
21.7812

■ 69.6980, 14.9389,
15.1739

■ 49.3970, 24.9473,
25.0848

■ 76.4650, 11.6028,
11.8702

■ 42.6300, 28.2834,
28.3885

■ 83.2320, 8.2666,
8.5665

■ 35.8630, 31.6195,
31.6921

■ 89.9990, 4.9305,
5.2629

■ 32.6290, 33.2139,
33.6514

■ 96.7660, 1.5944,
1.9592

■ 103.2340, -1.5944,
-1.9592

■ 110.0010, -4.9305,
-5.2629

■ 116.7680, -8.2666,
-8.5665

■ 123.5350,
-11.6028, -11.8702

Harmonies

Analogous

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



57.7350, 28.7246, -19.9386



62.9310, 18.2750, 18.4775



59.8000, 7.0006, 41.3944

Triad

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



62.9310, 18.2750, 18.4775



57.9880, -28.5881, 22.8125



52.3300, 12.6553, -45.8934

Complementary

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



62.9310, 18.2750, 18.4775



82.0690, -18.2750, -18.4775

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.



48.9100, -0.4486, -42.8941



62.9310, 18.2750, 18.4775



55.4970, -27.3600, 2.1951

Square

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



62.9310, 18.2750, 18.4775



58.0900, -19.7644, 39.3861



50.1220, -15.3431, -25.5400



54.7070, 24.3014, -47.9780

Rectangle

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



62.9310, 18.2750, 18.4775



57.2540, -1.6042, 48.0122



50.1220, -15.3431, -25.5400



51.1900, 8.2873, -44.8936

Sweetspot

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



62.9310, 18.2750, 18.4775



115.2920, 7.2510, 7.6369



61.2490, 19.1042, -14.2504



57.1730, 4.3517, 4.2333



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.



62.9310, 18.2750, 18.4775



72.0430, 28.5728, 28.9033



66.4610, 11.1117, 29.4137



47.7660, 1.5944, 1.9592



37.3290, 38.2918, 38.2995



79.0160, 80.3511, 81.5470

Inverse Universe

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



63.2690, -1.1186, 32.2131



72.5640, -1.7571, 50.3714



78.5390, -11.1117, -29.4137



47.6090, -0.3002, 2.9739



38.1470, -2.5375, 67.4001



80.3380, -5.0966, 141.7776

Previews

White Background



This preview shows how the YUV color 62.9310, 18.2750, 18.4775 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 62.9310, 18.2750, 18.4775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

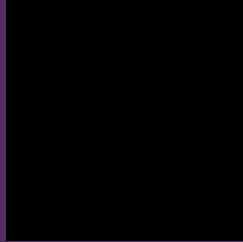
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.9310, 18.2750, 18.4775

Background



This preview shows how black text looks on a background with the YUV color 62.9310, 18.2750, 18.4775.



This preview shows how white text looks on a background with the YUV color 62.9310, 18.2750,

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

62.9310, 18.2750, 18.4775

Protanopia

58.3820, 27.4197, -21.3830

Deuteranopia

60.3090, 18.0887, -15.1800



Tritanopia

62.4470, -1.2064, 13.6400

Trichromacy



Original Color

62.9310, 18.2750, 18.4775

Protanomaly

60.2590, 24.0293, -7.2431

Deuteranomaly

61.3860, 18.0507, -2.9695

Tritanomaly

62.4070, 6.2083, 15.4291

Monochromacy



Original Color

62.9310, 18.2750, 18.4775

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7650, 6.5249, 7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.9310, 18.2750, 18.4775 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(84, 45, 100)` looks like.

```
.text, #text, p{  
    color:rgb(84, 45, 100)  
}
```

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(84, 45, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 45, 100) }
```

Border

The CSS property to change the border of an element to YUV 62.9310, 18.2750, 18.4775 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(84, 45, 100) }
```


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

```
.border{ border-color:rgb(84, 45, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 45, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 45, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 45, 100);  
box-shadow:4px 4px 4px 4px rgb(84, 45,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 62.9310, 18.2750, 18.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 45, 100) }
```

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

```
.background{ background-color: rgb(84, 45,  
100) }
```

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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