

Converting Colors

YUV(64.0710, 22.6430, 17.4777)

Have a look what the booklet for
YUV(64.0710, 22.6430, 17.4777)
contains.

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Color

**YUV(64.0710, 22.6430,
17.4777)**

Conversions

Conversions Part 1

Format	Color
Hex	542D6E
RGB	84, 45, 110
RGB Percent	33%, 18%, 43%
CMY	0.6706, 0.8235, 0.5686
CMYK	0.24, 0.59, 0.00, 0.57
HSL	276°, 42%, 30%
HSV	276°, 59%, 43%
XYZ	7.4090, 4.8874, 15.3047
YIQ	64.0710, 2.3790, 28.4830

Conversions

Conversions Part 2

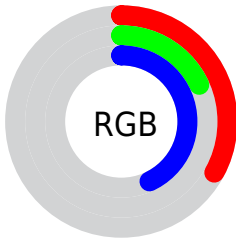
Format	Color
R_{YB}	84, 45, 110
Decimal	5516654
CIE Lab	26.41, 30.78, -30.87
CIE LCh	26, 43.590, 314.921
Yxy	4.8874, 0.2684, 0.1771
Android (android.graphics.Color)	4283706734 (0xFF542D6E)
YUV	64.0710, 22.6430, 17.4777
Hunter-Lab	22.1074, 21.1340, -25.5706

Details

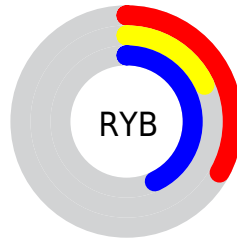
The YUV color **64.0710, 22.6430, 17.4777** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **90.9290, -22.6430, -17.4777**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.7230, 23.8006, 19.5369**, and **17.8320, 21.7748, 15.9333** is the 20% darker color. If you saturate the color by 10%, you get **56.4180, 26.4159, 20.6814**, and if you desaturate by 10%, it is **71.7240, 18.8701, 14.2741**.

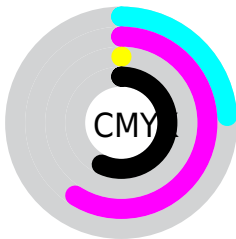
Distribution



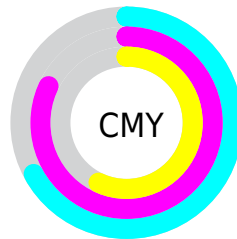
- Red (33%)
- Green (18%)
- Blue (43%)



- Red (33%)
- Yellow (18%)
- Blue (43%)



- Cyan (24%)
- Magenta (59%)
- Yellow (0%)
- Black (57%)



- Cyan (67%)
- Magenta (82%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0710, 22.6430, 17.4777 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 64.0710, 22.6430, 17.4777 by changing the saturation by 10% instead.

■ 64.0710, 22.6430,
17.4777

■ 64.0710, 22.6430,
17.4777

■ 255.0000, 0.0000,
0.0000

■ 40.2450, 22.0642,
16.4481

■ 113.7230, 23.8006,
19.5369

■ 17.8320, 21.7748,
15.9333

■ 139.2500, 24.5268,
19.9518

■ 6.8380, 15.8559,
1.0191

■ 166.0760, 25.1055,
20.9813

■ 2.5250, 7.1362,
-2.2144

■ 193.6030, 25.8317,
21.3962

■ 0.0000, 0.0000,
0.0000

■ 219.1490, 17.6745,
24.4253

■ 237.9770, 8.3923,

14.9292

■ 64.0710, 22.6430,
17.4777

■ 64.0710, 22.6430,
17.4777

■ 56.4180, 26.4159,
20.6814

■ 71.7240, 18.8701,
14.2741

■ 48.4660, 30.3363,
23.2703

■ 79.6760, 14.9497,
11.6851

■ 40.8130, 34.1092,
26.4740

■ 87.3290, 11.1768,
8.4815

■ 32.8610, 38.0295,
29.0629

■ 95.2810, 7.2565,
5.8926

■ 32.2740, 38.3189,
29.5777

■ 102.9340, 3.4835,
2.6889

■ 110.5870, -0.2894,
-0.5148

■ 118.5390, -4.2097,
-3.1037

■ 126.1920, -7.9827,
-6.3074

■ 134.1440,
-11.9030, -8.8963

Harmonies

Analogous

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



51.1820, 37.3783, -42.2556



64.0710, 22.6430, 17.4777



58.8700, 10.9101, 47.4720

Triad

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



64.0710, 22.6430, 17.4777



59.4940, -29.3305, 27.6308



54.2050, 12.2239, -47.5378

Complementary

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



64.0710, 22.6430, 17.4777



90.9290, -22.6430, -17.4777

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.



49.6280, -2.7746, -43.5238



64.0710, 22.6430, 17.4777



57.2800, -28.2390, 4.1394

Square

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



64.0710, 22.6430, 17.4777



57.9060, -20.6597, 46.5634



49.4440, -20.4319, -26.6994



57.0380, 25.6173, -50.0223

Rectangle

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



64.0710, 22.6430, 17.4777



55.4060, 1.2788, 56.6489



49.4440, -20.4319, -26.6994



52.8370, 6.9824, -46.3380

Sweetspot

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



64.0710, 22.6430, 17.4777



124.7480, 8.9982, 7.2370



67.6720, 20.8677, -19.8833



60.4010, 5.2253, 4.0333



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



64.0710, 22.6430, 17.4777



70.8670, 35.5616, 27.3036



71.1610, 16.1896, 34.0618



51.8800, 2.0312, 1.8592



35.2080, 41.8025, 32.2666



72.4100, 86.0729, 66.2924

Inverse Universe

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



67.3990, 1.7753, 37.3611



76.1720, 2.8732, 58.6082



83.8390, -16.1896, -34.0618



52.1360, 0.4260, 3.3887



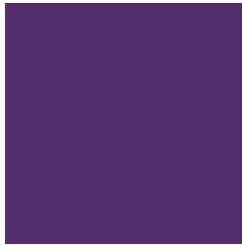
41.3520, 3.2775, 68.9743



85.1390, 6.8335, 141.9521

Previews

White Background



This preview shows how the YUV color 64.0710, 22.6430, 17.4777 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 64.0710, 22.6430, 17.4777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

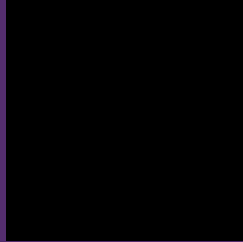
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.0710, 22.6430, 17.4777

Background



This preview shows how black text looks on a background with the YUV color 64.0710, 22.6430, 17.4777.



This preview shows how white text looks on a background with the YUV color 64.0710, 22.6430,

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

64.0710, 22.6430, 17.4777

Protanopia

55.8520, 34.5830, -32.3192

Deuteranopia

59.5190, 22.9151, -23.2572



Tritanopia

63.9520, -0.4693, 10.5661

Trichromacy



Original Color

64.0710, 22.6430, 17.4777

Protanomaly

58.8220, 30.1608, -13.8759

Deuteranomaly

61.2050, 22.5769, -8.0728

Tritanomaly

63.8520, 7.9610, 13.2848

Monochromacy



Original Color

64.0710, 22.6430, 17.4777

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9220, 8.4195, 6.2074

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0710, 22.6430, 17.4777 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(84, 45, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 45, 110) }
```

Border

The CSS property to change the border of an element to YUV 64.0710, 22.6430, 17.4777 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, 110) }
```


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

```
.border{ border-color:rgb(84, 45, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 45, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 45, 110);  
box-shadow:4px 4px 4px 4px rgb(84, 45,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 64.0710, 22.6430, 17.4777 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, 110) }
```

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

```
.background{ background-color: rgb(84, 45,  
110) }
```

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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