

Converting Colors

YUV(63.7940, 22.7796, 20.3517)

Have a look what the booklet for
YUV(63.7940, 22.7796, 20.3517)
contains.

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Color

**YUV(63.7940, 22.7796,
20.3517)**

Conversions

Conversions Part 1

Format	Color
Hex	572B6E
RGB	87, 43, 110
RGB Percent	34%, 17%, 43%
CMY	0.6588, 0.8314, 0.5686
CMYK	0.21, 0.61, 0.00, 0.57
HSL	279°, 44%, 30%
HSV	279°, 61%, 43%
XYZ	7.6088, 4.8798, 15.2927
YIQ	63.7940, 4.7170, 30.1650

Conversions

Conversions Part 2

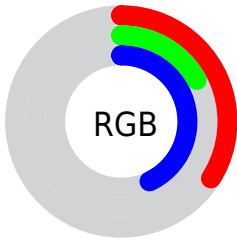
Format	Color
R_{YB}	87, 43, 110
Decimal	5712750
CIE _{Lab}	26.39, 32.78, -30.88
CIE _{LCh}	26, 45.030, 316.712
Yxy	4.8798, 0.2739, 0.1756
Android (android.graphics.Color)	4283902830 (0xFF572B6E)
YUV	63.7940, 22.7796, 20.3517
Hunter-Lab	22.0902, 22.8252, -25.5824

Details

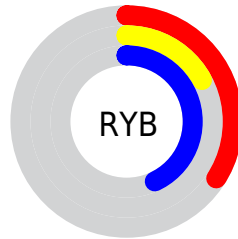
The YUV color **63.7940, 22.7796, 20.3517** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.2060, -22.7796, -20.3517**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4460, 23.9371, 22.4109**, and **18.4300, 21.4800, 17.1629** is the 20% darker color. If you saturate the color by 10%, you get **56.1410, 26.5525, 23.5553**, and if you desaturate by 10%, it is **71.4470, 19.0066, 17.1480**.

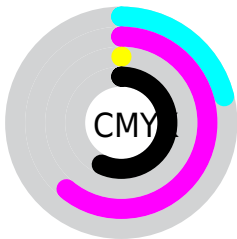
Distribution



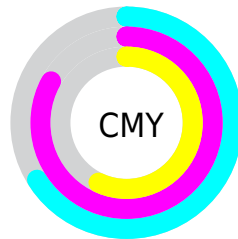
- Red (34%)
- Green (17%)
- Blue (43%)



- Red (34%)
- Yellow (17%)
- Blue (43%)



- Cyan (21%)
- Magenta (61%)
- Yellow (0%)
- Black (57%)



- Cyan (66%)
- Magenta (83%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7940, 22.7796, 20.3517 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 63.7940, 22.7796, 20.3517 by changing the saturation by 10% instead.

63.7940, 22.7796,
20.3517

63.7940, 22.7796,
20.3517

255.0000, 0.0000,
0.0000

39.9680, 22.2008,
19.3221

113.4460, 23.9371,
22.4109

18.4300, 21.4800,
17.1629

139.2720, 24.5159,
23.4405

8.3330, 15.1188,
4.0930

166.0980, 25.0947,
24.4701

2.5250, 7.1362,
-2.2144

193.6250, 25.8209,
24.8849

0.0000, 0.0000,
0.0000

219.7580, 17.3743,
27.3992

237.3900, 8.6817,

15.4440

254.4130, 0.2894,
0.5148

■ 63.7940, 22.7796,
20.3517

■ 63.7940, 22.7796,
20.3517

■ 56.1410, 26.5525,
23.5553

■ 71.4470, 19.0066,
17.1480

■ 48.4880, 30.3254,
26.7590

■ 79.1000, 15.2337,
13.9443

■ 41.1340, 33.9509,
30.5775

■ 86.4540, 11.6082,
10.1258

■ 34.0680, 37.4345,
33.2664

■ 94.1070, 7.8352,
6.9222

■ 101.7600, 4.0623,
3.7185

■ 109.4130, 0.2894,
0.5148

■ 116.7670, -3.3361,
-3.3037

■ 124.4200, -7.1091,
-6.5073

■ 132.0730,
-10.8820, -9.7110

Harmonies

Analogous

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



52.9160, 37.5094, -37.6373



63.7940, 22.7796, 20.3517



57.4790, 10.6099, 50.4459

Triad

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



63.7940, 22.7796, 20.3517



59.1950, -29.1831, 27.0160



54.4330, 13.0975, -47.7377

Complementary

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



63.7940, 22.7796, 20.3517



89.2060, -22.7796, -20.3517

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.



49.7420, -2.3378, -43.6237



63.7940, 22.7796, 20.3517



57.2690, -28.2336, 2.3951

Square

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



63.7940, 22.7796, 20.3517



57.7490, -22.5543, 47.5781



46.7530, -19.1052, -32.2324



57.3800, 26.9277, -50.3223

Rectangle

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



63.7940, 22.7796, 20.3517



54.0150, 0.9786, 59.6228



46.7530, -19.1052, -32.2324



53.0650, 7.8560, -46.5380

Sweetspot

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



63.7940, 22.7796, 20.3517



125.0470, 8.8508, 7.8518



64.1390, 22.6095, -18.5389



60.7000, 5.0779, 4.6481



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.



63.7940, 22.7796, 20.3517



71.1880, 35.4033, 31.4071



69.5310, 15.0212, 35.4913



51.8800, 2.0312, 1.8592



37.3010, 40.7706, 36.5700



76.5960, 84.0092, 74.8993

Inverse Universe

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



65.6550, 0.1701, 38.8906



74.0860, -0.0424, 60.4376



83.4690, -15.0212, -35.4913



52.0220, -0.0108, 3.4887



40.5540, 0.2199, 69.6741



83.5430, 0.7183, 143.3518

Previews

White Background



This preview shows how the YUV color 63.7940, 22.7796, 20.3517 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 63.7940, 22.7796, 20.3517 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 63.7940, 22.7796, 20.3517

Background



This preview shows how black text looks on a background with the YUV color 63.7940, 22.7796, 20.3517.



This preview shows how white text looks on a background with the YUV color 63.7940, 22.7796,

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

63.7940, 22.7796, 20.3517

Protanopia

53.9870, 36.4884, -36.8226

Deuteranopia

59.5190, 22.9151, -23.2572



Tritanopia

64.0340, -1.4958, 13.1252

Trichromacy



Original Color

63.7940, 22.7796, 20.3517

Protanomaly

57.1530, 31.4766, -15.9202

Deuteranomaly

60.9170, 22.7189, -6.9432

Tritanomaly

64.0480, 7.3713, 15.7439

Monochromacy



Original Color

63.7940, 22.7796, 20.3517

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.6340, 8.5614, 7.3370

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7940, 22.7796, 20.3517 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(87, 43, 110)` looks like.

```
.text, #text, p{  
    color:rgb(87, 43, 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(87, 43, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 43, 110) }
```

Border

The CSS property to change the border of an element to YUV 63.7940, 22.7796, 20.3517 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(87, 43, 110) }
```


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

```
.border{ border-color:rgb(87, 43, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 43, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 43, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 43, 110);  
box-shadow:4px 4px 4px 4px rgb(87, 43,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 63.7940, 22.7796, 20.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 43, 110) }
```

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

```
.background{ background-color: rgb(87, 43,  
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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