

Converting Colors

YUV(47.5810, 22.3916, 4.7525)

Have a look what the booklet for
YUV(47.5810, 22.3916, 4.7525)
contains.

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Color

**YUV(47.5810, 22.3916,
4.7525)**

Conversions

Conversions Part 1

Format	Color
Hex	35245D
RGB	53, 36, 93
RGB Percent	21%, 14%, 36%
CMY	0.7922, 0.8588, 0.6353
CMYK	0.43, 0.61, 0.00, 0.64
HSL	258°, 44%, 25%
HSV	258°, 61%, 36%
XYZ	4.0749, 2.8090, 10.6833
YIQ	47.5810, -8.1650, 21.3310

Conversions

Conversions Part 2

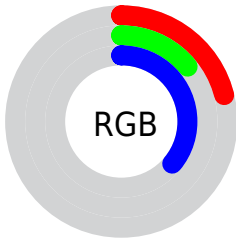
Format	Color
R_{YB}	53, 36, 93
Decimal	3482717
CIE _{Lab}	19.26, 23.00, -31.45
CIE _{LCh}	19, 38.965, 306.185
Yxy	2.8090, 0.2320, 0.1599
Android (android.graphics.Color)	4281672797 (0xFF35245D)
YUV	47.5810, 22.3916, 4.7525
Hunter-Lab	16.7599, 14.0690, -26.0615

Details

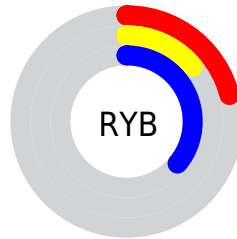
The YUV color **47.5810, 22.3916, 4.7525** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **81.4190, -22.3916, -4.7525**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.7600, 24.2753, 7.2265**, and **8.0490, 19.2028, 0.8340** is the 20% darker color. If you saturate the color by 10%, you get **40.2050, 26.0279, 5.0822**, and if you desaturate by 10%, it is **54.9570, 18.7552, 4.4227**.

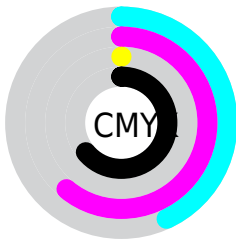
Distribution



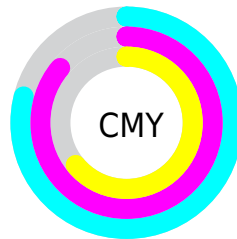
- Red (21%)
- Green (14%)
- Blue (36%)



- Red (21%)
- Yellow (14%)
- Blue (36%)



- Cyan (43%)
- Magenta (61%)
- Yellow (0%)
- Black (64%)



- Cyan (79%)
- Magenta (86%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5810, 22.3916, 4.7525 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 47.5810, 22.3916, 4.7525 by changing the saturation by 10% instead.

■ 47.5810, 22.3916,
4.7525

■ 47.5810, 22.3916,
4.7525

■ 255.0000, 0.0000,
0.0000

■ 25.3420, 21.5234,
3.2081

■ 94.7600, 24.2753,
7.2265

■ 8.0490, 19.2028,
0.8340

■ 120.2870, 25.0015,
7.6413

■ 3.4370, 10.6306,
-3.0142

■ 145.8140, 25.7277,
8.0561

■ 0.0000, 0.0000,
0.0000

■ 172.6400, 26.3065,
9.0857

■ 200.1670, 27.0327,
9.5005

■ 224.9750, 14.8023,

12.2999

246.1950, 4.3409,
7.7220

47.5810, 22.3916,
4.7525

47.5810, 22.3916,
4.7525

40.2050, 26.0279,
5.0822

54.9570, 18.7552,
4.4227

32.5410, 29.8063,
6.5415

62.6210, 14.9768,
2.9634

25.1650, 33.4427,
6.8713

69.9970, 11.3405,
2.6336

18.9740, 36.4948,
7.9158

77.0740, 7.8515,
1.6891

84.4500, 4.2151,
1.3593

■ 92.1140, 0.4368,
-0.1000

■ 99.4900, -3.1996,
-0.4297

■ 106.5670, -6.6885,
-1.3743

■ 114.5300,
-10.6143, -2.2188

Harmonies

Analogous

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



40.6190, 31.2468, -35.6229



47.5810, 22.3916, 4.7525



44.2490, 12.6952, 34.8616

Triad

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



47.5810, 22.3916, 4.7525



43.8560, -21.6210, 28.1903



40.5610, 5.6394, -35.5720

Complementary

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



47.5810, 22.3916, 4.7525



81.4190, -22.3916, -4.7525

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.



35.9670, -6.8857, -31.5431



47.5810, 22.3916, 4.7525



43.7350, -21.5614, 9.0024

Square

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



47.5810, 22.3916, 4.7525



41.1320, -13.3761, 43.7342



38.8740, -19.1649, -13.0445



43.7530, 17.8698, -38.3714

Rectangle

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



47.5810, 22.3916, 4.7525



39.9040, 5.9633, 47.4422



38.8740, -19.1649, -13.0445



39.4210, 1.2714, -34.5722

Sweetspot

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



47.5810, 22.3916, 4.7525



102.6010, 8.5777, 2.1039



66.5650, 13.0325, -26.8055



50.6780, 5.0887, 1.1594



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



47.5810, 22.3916, 4.7525



49.2190, 34.8950, 7.7009



55.9530, 18.2642, 21.9662



42.1680, 1.8892, 0.7297



22.4070, 43.1833, 9.2901



48.2470, 93.0552, 19.9544

Inverse Universe

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



57.6030, 9.0697, 31.0432



64.6790, 13.9623, 48.5165



73.0470, -18.2642, -21.9662



42.9510, 1.0102, 2.6740



41.6680, 17.4187, 59.9272



89.7870, 37.5730, 129.1058

Previews

White Background



This preview shows how the YUV color 47.5810, 22.3916, 4.7525 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 47.5810, 22.3916, 4.7525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

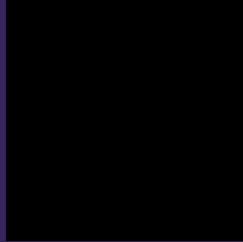
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5810, 22.3916, 4.7525

Background



This preview shows how black text looks on a background with the YUV color 47.5810, 22.3916, 4.7525.



This preview shows how white text looks on a background with the YUV color 47.5810, 22.3916,

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

47.5810, 22.3916, 4.7525

Protanopia

37.3590, 28.9100, -32.7638

Deuteranopia

37.7520, 22.8003, -33.1085



Tritanopia

46.9610, 2.4842, -3.4738

Trichromacy



Original Color

47.5810, 22.3916, 4.7525

Protanomaly

41.1650, 26.5407, -19.4387

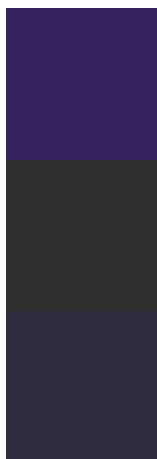
Deuteranomaly

41.4270, 22.4675, -19.6685

Tritanomaly

47.5190, 9.6041, -0.4552

Monochromacy



Original Color

47.5810, 22.3916, 4.7525

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0740, 7.8515, 1.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5810, 22.3916, 4.7525 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(53, 36, 93)` looks like.

```
.text, #text, p{  
    color:rgb(53, 36, 93)  
}
```

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(53, 36, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 36, 93) }
```

Border

The CSS property to change the border of an element to YUV 47.5810, 22.3916, 4.7525 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(53, 36, 93) }
```


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

```
.border{ border-color:rgb(53, 36, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 36, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 36, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 36, 93);  
box-shadow:4px 4px 4px 4px rgb(53, 36, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.5810, 22.3916, 4.7525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 36, 93) }
```

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

```
.background{ background-color: rgb(53, 36,  
93) }
```

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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