

Converting Colors

YUV(56.2410, 18.1222, 20.8366)

Have a look what the booklet for
YUV(56.2410, 18.1222, 20.8366)
contains.

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Color

**YUV(56.2410, 18.1222,
20.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	50255D
RGB	80, 37, 93
RGB Percent	31%, 15%, 36%
CMY	0.6863, 0.8549, 0.6353
CMYK	0.14, 0.60, 0.00, 0.64
HSL	286°, 43%, 25%
HSV	286°, 60%, 36%
XYZ	5.9456, 3.8189, 10.7797
YIQ	56.2410, 7.6520, 26.5320

Conversions

Conversions Part 2

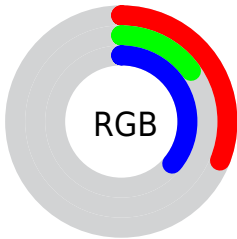
Format	Color
RYB	80, 37, 93
Decimal	5252445
CIELab	23.06, 30.11, -25.17
CIElCh	23, 39.242, 320.101
Yxy	3.8189, 0.2894, 0.1859
Android (android.graphics.Color)	4283442525 (0xFF50255D)
YUV	56.2410, 18.1222, 20.8366
Hunter-Lab	19.5421, 20.1095, -19.0258




Details

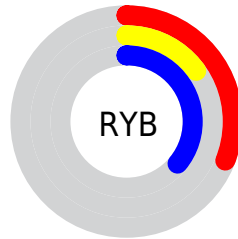
The YUV color **56.2410, 18.1222, 20.8366** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **73.7590, -18.1222, -20.8366**, and the grayscale version is **56.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **104.8930, 19.2798, 22.8958**, and **15.5240, 15.5177, 16.2035** is the 20% darker color. If you saturate the color by 10%, you get **50.3600, 21.0215, 24.2403**, and if you desaturate by 10%, it is **62.1220, 15.2229, 17.4330**.

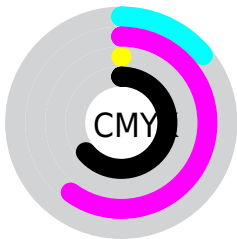
Distribution







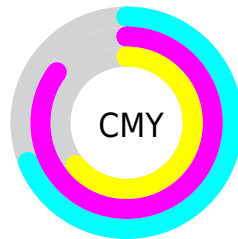
-  Red (31%)
-  Green (15%)
-  Blue (36%)






-  Red (31%)
-  Yellow (15%)
-  Blue (36%)



-  Cyan (14%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (69%)
-  Magenta (85%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.2410, 18.1222, 20.8366 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 56.2410, 18.1222, 20.8366 by changing the saturation by 10% instead.

■ 56.2410, 18.1222,
20.8366

■ 56.2410, 18.1222,
20.8366

■ 255.0000, 0.0000,
0.0000

■ 32.8280, 17.8328,
20.3218

■ 104.8930, 19.2798,
22.8958

■ 15.5240, 15.5177,
16.2035

■ 130.6050, 19.4217,
24.0254

■ 3.4370, 10.6306,
-3.0142

■ 157.1320, 20.1479,
24.4402

■ 0.0000, 0.0000,
0.0000

■ 183.9580, 20.7267,
25.4698

■ 212.3710, 21.0161,
25.9846

■ 232.6940, 10.9969,

19.5624

249.1300, 2.8939,
5.1480

56.2410, 18.1222,
20.8366

56.2410, 18.1222,
20.8366

50.3600, 21.0215,
24.2403

62.1220, 15.2229,
17.4330

43.8920, 24.2102,
28.1587

68.5900, 12.0341,
13.5146

38.0110, 27.1096,
31.5624

74.4710, 9.1348,
10.1109

31.8310, 30.1563,
34.3512

80.6510, 6.0881,
7.3221

87.1190, 2.8993,
3.4036

■ 93.0000, 0.0000,
0.0000

■ 98.8810, -2.8993,
-3.4036

■ 104.7620, -5.7987,
-6.8073

■ 111.2300, -8.9874,
-10.7257

Harmonies

Analogous

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



51.5610, 29.3034, -18.9090



56.2410, 18.1222, 20.8366



51.5230, 7.1372, 44.2683

Triad

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



56.2410, 18.1222, 20.8366



52.3730, -25.8199, 21.5979



48.3520, 12.6445, -42.4047

Complementary

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



56.2410, 18.1222, 20.8366



73.7590, -18.1222, -20.8366

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.



44.3450, -0.1701, -38.8906



56.2410, 18.1222, 20.8366



49.5830, -24.4444, 0.3657

Square

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



56.2410, 18.1222, 20.8366



51.3350, -21.3642, 39.1712



40.8330, -13.7217, -32.3025



50.1420, 24.5800, -43.9745

Rectangle

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



56.2410, 18.1222, 20.8366



49.2650, -1.6096, 49.7566



40.8330, -13.7217, -32.3025



47.2120, 8.2765, -41.4049

Sweetspot

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



56.2410, 18.1222, 20.8366



105.5910, 7.1036, 8.2517



51.0150, 20.6986, -12.2912



52.4720, 4.2043, 4.8481



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.



56.2410, 18.1222, 20.8366



63.5380, 27.8358, 31.9772



58.4180, 9.6539, 30.3284



42.7660, 1.5944, 1.9592



37.6560, 35.6656, 40.6437



81.4360, 76.6931, 88.1946

Inverse Universe

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



55.2260, -2.5764, 33.1278



61.9940, -3.9410, 50.8713



71.5820, -9.6539, -30.3284



42.6090, -0.3002, 2.9739



35.7400, -5.2948, 65.1260



77.1330, -10.9116, 140.2034

Previews

White Background



This preview shows how the YUV color 56.2410, 18.1222, 20.8366 looks on a white background.

Color Contrast Check

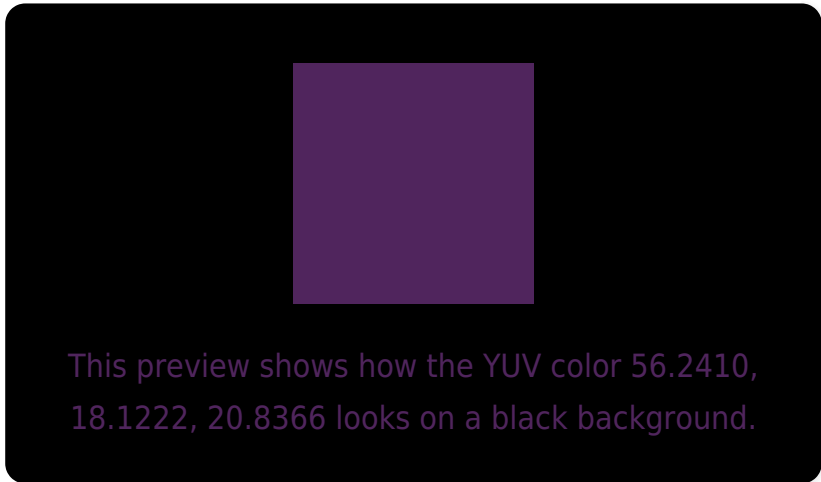
Large Text (above 18pt) WCAG AA ✓ Pass

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

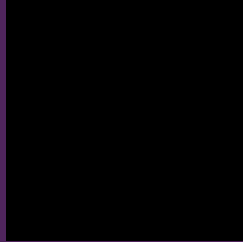
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.2410, 18.1222, 20.8366

Background



This preview shows how black text looks on a background with the YUV color 56.2410, 18.1222, 20.8366.



This preview shows how white text looks on a background with the YUV color 56.2410, 18.1222,

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

56.2410, 18.1222, 20.8366

Protanopia

50.5170, 29.3251, -25.8864

Deuteranopia

53.8960, 17.7993, -15.6948



Tritanopia

56.2300, -2.0854, 15.5843

Trichromacy



Original Color

56.2410, 18.1222, 20.8366

Protanomaly

52.5900, 25.3451, -9.2874

Deuteranomaly

54.6850, 17.9033, -2.3547

Tritanomaly

56.1900, 5.3293, 17.3734

Monochromacy



Original Color

56.2410, 18.1222, 20.8366

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0640, 6.3774, 7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.2410, 18.1222, 20.8366 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(80, 37, 93)` looks like.

```
.text, #text, p{  
    color:rgb(80, 37, 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(80, 37, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 37, 93) }
```

Border

The CSS property to change the border of an element to YUV 56.2410, 18.1222, 20.8366 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(80, 37, 93) }
```


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

```
.border{ border-color:rgb(80, 37, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 37, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 37, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 37, 93);  
box-shadow:4px 4px 4px 4px rgb(80, 37, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.2410, 18.1222, 20.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 37, 93) }
```

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

```
.background{ background-color: rgb(80, 37,  
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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