

Converting Colors

YUV(65.8110, 20.3062, 20.3368)

Have a look what the booklet for
YUV(65.8110, 20.3062, 20.3368)
contains.

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Color

**YUV(65.8110, 20.3062,
20.3368)**

Conversions

Conversions Part 1

Format	Color
Hex	592E6B
RGB	89, 46, 107
RGB Percent	35%, 18%, 42%
CMY	0.6510, 0.8196, 0.5804
CMYK	0.17, 0.57, 0.00, 0.58
HSL	282°, 40%, 30%
HSV	282°, 57%, 42%
XYZ	7.7507, 5.1394, 14.4934
YIQ	65.8110, 6.0470, 28.0870

Conversions

Conversions Part 2

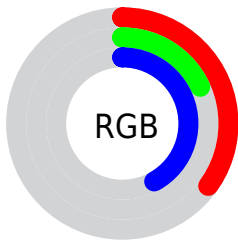
Format	Color
R_{YB}	89, 46, 107
Decimal	5844587
CIE _{Lab}	27.13, 30.92, -27.76
CIE _{LCh}	27, 41.556, 318.088
Yxy	5.1394, 0.2830, 0.1877
Android (android.graphics.Color)	4284034667 (0xFF592E6B)
YUV	65.8110, 20.3062, 20.3368
Hunter-Lab	22.6702, 21.3541, -22.0359

Details

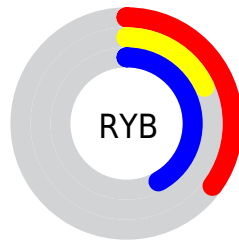
The YUV color **65.8110, 20.3062, 20.3368** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **87.1890, -20.3062, -20.3368**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4630, 21.4637, 22.3959**, and **18.9850, 19.7274, 19.3072** is the 20% darker color. If you saturate the color by 10%, you get **58.4570, 23.9317, 24.1552**, and if you desaturate by 10%, it is **73.1650, 16.6807, 16.5183**.

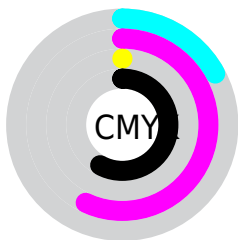
Distribution



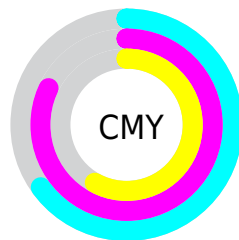
- Red (35%)
- Green (18%)
- Blue (42%)



- Red (35%)
- Yellow (18%)
- Blue (42%)



- Cyan (17%)
- Magenta (57%)
- Yellow (0%)
- Black (58%)



- Cyan (65%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.8110, 20.3062, 20.3368 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 65.8110, 20.3062, 20.3368 by changing the saturation by 10% instead.

65.8110, 20.3062,
20.3368

65.8110, 20.3062,
20.3368

255.0000, 0.0000,
0.0000

41.9850, 19.7274,
19.3072

115.4630, 21.4637,
22.3959

18.9850, 19.7274,
19.3072

141.2890, 22.0425,
23.4255

9.6000, 13.5082,
7.3668

167.8160, 22.7687,
23.8404

2.0690, 5.3890,
-1.8145

195.5280, 22.9107,
24.9699

0.0000, 0.0000,
0.0000

222.1170, 16.2113,
27.0844

239.1510, 7.8136,

13.8996

■ 65.8110, 20.3062,
20.3368

■ 65.8110, 20.3062,
20.3368

■ 58.4570, 23.9317,
24.1552

■ 73.1650, 16.6807,
16.5183

■ 51.6900, 27.2678,
27.4589

■ 79.9320, 13.3445,
13.2146

■ 44.3360, 30.8934,
31.2773

■ 87.2860, 9.7190,
9.3962

■ 36.6830, 34.6663,
34.4810

■ 94.9390, 5.9461,
6.1925

■ 34.6230, 35.6819,
35.4106

■ 102.2930, 2.3206,
2.3740

■ 109.0600, -1.0156,
-0.9296

■ 116.4140, -4.6411,
-4.7481

■ 123.7680, -8.2666,
-8.5665

■ 130.5350,
-11.6028, -11.8702

Harmonies

Analogous

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



59.6250, 32.2299, -24.2271



65.8110, 20.3062, 20.3368



61.1750, 8.2947, 46.3275

Triad

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



65.8110, 20.3062, 20.3368



60.6570, -29.9039, 24.8568



55.2480, 13.6817, -48.4525

Complementary

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



65.8110, 20.3062, 20.3368



87.1890, -20.3062, -20.3368

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.



51.4860, -0.7326, -45.1532



65.8110, 20.3062, 20.3368



58.1550, -28.6704, 2.4951

Square

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



65.8110, 20.3062, 20.3368



60.6560, -21.5224, 43.2747



51.3450, -16.9321, -29.2436



57.8530, 26.2015, -50.7371

Rectangle

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



65.8110, 20.3062, 20.3368



59.4010, -1.1837, 53.1453



51.3450, -16.9321, -29.2436



53.9940, 8.8770, -47.3527

Sweetspot

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



65.8110, 20.3062, 20.3368



123.8190, 7.9772, 8.0517



63.5200, 21.4356, -15.3650



61.5860, 4.6411, 4.7481



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.



65.8110, 20.3062, 20.3368



75.8630, 31.6195, 31.6921



69.8250, 12.4113, 32.6025



49.8800, 2.0312, 1.8592



38.1550, 38.8706, 39.3291



79.6570, 81.5141, 81.8618

Inverse Universe

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



66.2910, -1.1295, 35.7018



76.5970, -1.7733, 55.6044



83.1750, -12.4113, -32.6025



50.0220, -0.0108, 3.4887



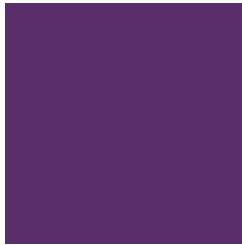
38.9730, -1.9587, 68.4297



81.4630, -4.6653, 143.4219

Previews

White Background



This preview shows how the YUV color 65.8110, 20.3062, 20.3368 looks on a white background.

Color Contrast Check

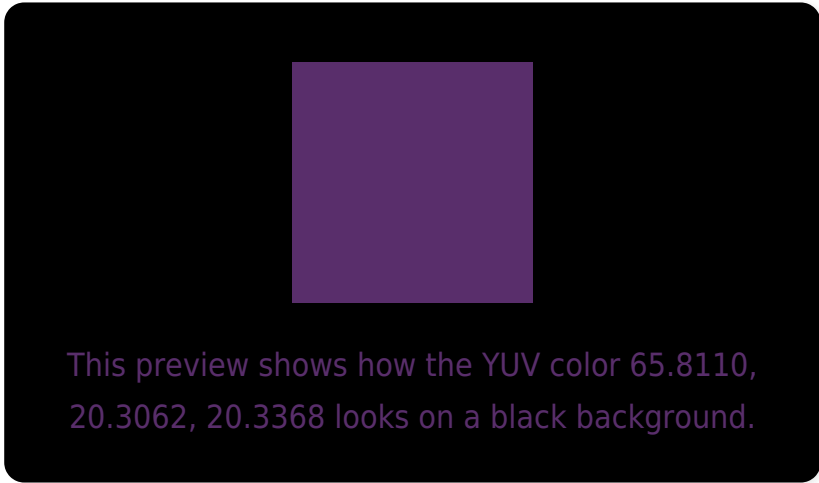
Large Text (above 18pt) WCAG AA ✓ Pass

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

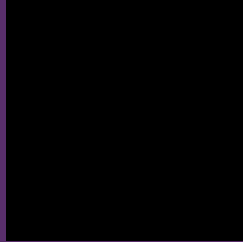
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.8110, 20.3062, 20.3368

Background



This preview shows how black text looks on a background with the YUV color 65.8110, 20.3062, 20.3368.



This preview shows how white text looks on a background with the YUV color 65.8110, 20.3062,

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

65.8110, 20.3062, 20.3368

Protanopia

60.2720, 30.9249, -25.6715

Deuteranopia

62.4550, 19.9887, -17.9390



Tritanopia

65.6320, -1.7906, 14.3547

Trichromacy



Original Color

65.8110, 20.3062, 20.3368

Protanomaly

62.3450, 26.9449, -9.0726

Deuteranomaly

63.5430, 19.9453, -3.9842

Tritanomaly

66.0050, 5.9135, 16.6586

Monochromacy



Original Color

65.8110, 20.3062, 20.3368

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9930, 7.3985, 7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.8110, 20.3062, 20.3368 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(89, 46, 107)` looks like.

```
.text, #text, p{  
    color:rgb(89, 46, 107)  
}
```

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(89, 46, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 46, 107) }
```

Border

The CSS property to change the border of an element to YUV 65.8110, 20.3062, 20.3368 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(89, 46, 107) }
```


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

```
.border{ border-color:rgb(89, 46, 107) }
```

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

Here you see how a box with a 4 pixel rgb(89, 46, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 46, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 46, 107);  
box-shadow:4px 4px 4px 4px rgb(89, 46,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 65.8110, 20.3062, 20.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 46, 107) }
```

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

```
.background{ background-color: rgb(89, 46,  
107) }
```

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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