

Converting Colors

YUV(55.4060, 20.9988,
-15.2651)

Have a look what the booklet for
YUV(55.4060, 20.9988, -15.2651)
contains.

YUV(55.4060, 20.9988, -15.2651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(55.4060, 20.9988,
-15.2651)**

Conversions

Conversions Part 1

Format	Color
Hex	263862
RGB	38, 56, 98
RGB Percent	15%, 22%, 38%
CMY	0.8510, 0.7804, 0.6157
CMYK	0.61, 0.43, 0.00, 0.62
HSL	222°, 44%, 27%
HSV	222°, 61%, 38%
XYZ	4.4181, 4.1223, 12.1181
YIQ	55.4060, -24.2100, 9.2460

Conversions

Conversions Part 2

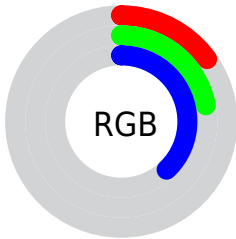
Format	Color
RYB	38, 52, 98
Decimal	2504802
CIELab	24.07, 7.06, -27.11
CIELCh	24, 28.017, 284.586
Yxy	4.1223, 0.2139, 0.1995
Android (android.graphics.Color)	4280694882 (0xFF263862)
YUV	55.4060, 20.9988, -15.2651
Hunter-Lab	20.3033, 3.3116, -21.1750

Details

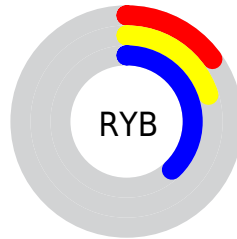
The YUV color **55.4060, 20.9988, -15.2651** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **80.5940, -20.9988, 15.2651**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.0580, 22.1564, -13.2059**, and **13.4450, 18.5146, -11.7913** is the 20% darker color. If you saturate the color by 10%, you get **48.3070, 24.4986, -17.8092**, and if you desaturate by 10%, it is **62.5050, 17.4990, -12.7209**.

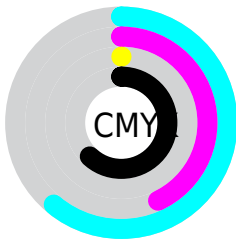
Distribution



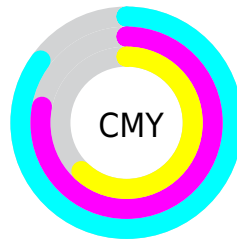
- Red (15%)
- Green (22%)
- Blue (38%)



- Red (15%)
- Yellow (20%)
- Blue (38%)



- Cyan (61%)
- Magenta (43%)
- Yellow (0%)
- Black (62%)



- Cyan (85%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.4060, 20.9988, -15.2651 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 55.4060, 20.9988, -15.2651 by changing the saturation by 10% instead.

■ 55.4060, 20.9988,
-15.2651

■ 55.4060, 20.9988,
-15.2651

■ 255.0000, 0.0000,
0.0000

■ 31.6720, 20.8677,
-19.8833

■ 104.0580, 22.1564,
-13.2059

■ 13.4450, 18.5146,
-11.7913

■ 129.2860, 23.0300,
-13.4058

■ 4.5940, 12.5252,
-4.0289

■ 155.1120, 23.6088,
-12.3762

■ 0.0000, 0.0000,
0.0000

■ 182.3400, 24.4824,
-12.5762

■ 209.7700, 22.2984,
-12.0763

■ 234.5780, 10.0680,

-9.2769

254.4020, 0.2948,
-1.2296

■ 55.4060, 20.9988,
-15.2651

■ 55.4060, 20.9988,
-15.2651

■ 48.3070, 24.4986,
-17.8092

■ 62.5050, 17.4990,
-12.7209

■ 41.2080, 27.9985,
-20.3534

■ 69.6040, 13.9992,
-10.1767

■ 34.4080, 31.3509,
-22.2828

■ 76.4040, 10.6468,
-8.2473

■ 28.1950, 34.4139,
-24.7270

■ 82.9160, 7.4364,
-5.1883

■ 90.0150, 3.9366,
-2.6442

■ 97.1140, 0.4368,
-0.1000

■ 104.2130, -3.0630,
2.4442

■ 111.0130, -6.4154,
4.3736

■ 118.1120, -9.9152,
6.9178

Harmonies

Analogous

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



48.1530, 24.5746, -42.2302



55.4060, 20.9988, -15.2651



59.0350, 13.7867, 11.3703

Triad

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



55.4060, 20.9988, -15.2651



56.3430, -13.4801, 30.3942



44.4590, 0.2667, -38.9905

Complementary

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



55.4060, 20.9988, -15.2651



80.5940, -20.9988, 15.2651

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.



50.9970, -12.3235, -14.0294



55.4060, 20.9988, -15.2651



55.5560, -19.9941, 19.6834

Square

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



55.4060, 20.9988, -15.2651



57.0690, -4.4710, 34.1425



53.7560, -20.0927, 4.5990



47.5540, 9.5869, -41.7049

Rectangle

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



55.4060, 20.9988, -15.2651



58.7330, 8.5126, 23.0362



53.7560, -20.0927, 4.5990



46.0640, -3.9756, -31.6281

Sweetspot

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



55.4060, 20.9988, -15.2651



111.1440, 8.3100, -5.3883



78.0080, 0.9821, -35.0870



53.9440, 4.9576, -3.4589



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



55.4060, 20.9988, -15.2651



61.1520, 32.9561, -23.8123



48.4280, 24.4390, 1.3786



45.0430, 1.4578, -0.9147



32.7260, 39.0821, -28.7007



69.6240, 83.9954, -61.0602

Inverse Universe

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



57.9920, -0.9821, 35.0870



65.2980, -1.6259, 54.9897



87.5720, -24.4390, -1.3786



45.3100, -0.1528, 2.3591



37.3640, -1.6585, 65.4558



79.9680, -3.9282, 140.3481

Previews

White Background



This preview shows how the YUV color 55.4060, 20.9988, -15.2651 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 55.4060, 20.9988, -15.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

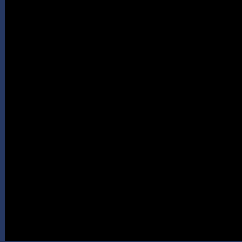
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.4060, 20.9988, -15.2651

Background



This preview shows how black text looks on a background with the YUV color 55.4060, 20.9988, -15.2651.



This preview shows how white text looks on a background with the YUV color 55.4060, 20.9988,

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

55.4060, 20.9988, -15.2651

Protanopia

55.7050, 20.8514, -14.6503

Deuteranopia

53.2910, 22.0415, -23.0572



Tritanopia

51.6100, 8.0803, -25.0910

Trichromacy



Original Color

55.4060, 20.9988, -15.2651

Protanomaly

55.7050, 20.8514, -14.6503

Deuteranomaly

53.9000, 21.7413, -20.0833

Tritanomaly

52.5980, 13.0162, -21.5724

Monochromacy



Original Color

55.4060, 20.9988, -15.2651

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0300, 7.8732, -5.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.4060, 20.9988, -15.2651 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(38, 56, 98)` looks like.

```
.text, #text, p{  
    color:rgb(38, 56, 98)  
}
```

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(38, 56, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 56, 98) }
```

Border

The CSS property to change the border of an element to YUV 55.4060, 20.9988, -15.2651 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(38, 56, 98) }
```


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

```
.border{ border-color:rgb(38, 56, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 56, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 56, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 56, 98);  
box-shadow:4px 4px 4px 4px rgb(38, 56, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.4060, 20.9988, -15.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 56, 98) }
```

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

```
.background{ background-color: rgb(38, 56,  
98) }
```

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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