

Converting Colors

YUV(50.4060, 20.9988,
-15.2651)

Have a look what the booklet for
YUV(50.4060, 20.9988, -15.2651)
contains.

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Color

**YUV(50.4060, 20.9988,
-15.2651)**

Conversions

Conversions Part 1

Format	Color
Hex	21335D
RGB	33, 51, 93
RGB Percent	13%, 20%, 36%
CMY	0.8706, 0.8000, 0.6353
CMYK	0.65, 0.45, 0.00, 0.64
HSL	222°, 48%, 25%
HSV	222°, 65%, 36%
XYZ	3.7868, 3.4813, 10.8283
YIQ	50.4060, -24.2100, 9.2460

Conversions

Conversions Part 2

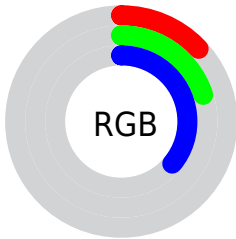
Format	Color
R_{YB}	33, 47, 93
Decimal	2175837
CIE Lab	21.88, 7.51, -27.36
CIE LCh	22, 28.368, 285.351
Yxy	3.4813, 0.2093, 0.1924
Android (android.graphics.Color)	4280365917 (0xFF21335D)
YUV	50.4060, 20.9988, -15.2651
Hunter-Lab	18.6582, 3.5758, -21.3481




Details

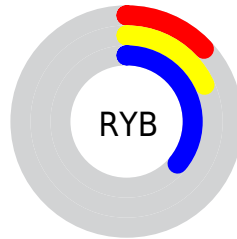
The YUV color **50.4060, 20.9988, -15.2651** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **75.5940, -20.9988, 15.2651**, and the grayscale version is **50.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **98.4710, 22.4458, -12.6911**, and **7.7060, 19.3719, -6.7582** is the 20% darker color. If you saturate the color by 10%, you get **43.6060, 24.3512, -17.1945**, and if you desaturate by 10%, it is **57.2060, 17.6464, -13.3357**.

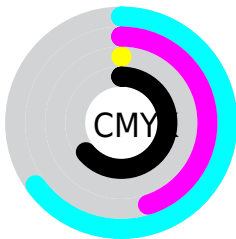
Distribution







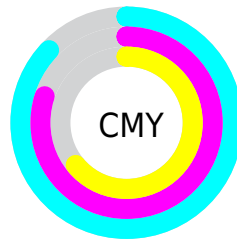
-  Red (13%)
-  Green (20%)
-  Blue (36%)






-  Red (13%)
-  Yellow (18%)
-  Blue (36%)



-  Cyan (65%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (87%)
-  Magenta (80%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.4060, 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 50.4060, 20.9988, -15.2651 by changing the saturation by 10% instead.

■ 50.4060, 20.9988,
-15.2651

■ 50.4060, 20.9988,
-15.2651

■ 255.0000, 0.0000,
0.0000

■ 26.3730, 21.0151,
-20.4981

■ 98.4710, 22.4458,
-12.6911

■ 7.7060, 19.3719,
-6.7582

■ 123.5850, 22.8826,
-12.7910

■ 3.4370, 10.6306,
-3.0142

■ 149.5250, 23.8982,
-11.8614

■ 0.0000, 0.0000,
0.0000

■ 176.3400, 24.4824,
-12.5762

■ 203.8670, 25.2086,
-12.1614

■ 228.6750, 12.9782,

-9.3620

252.6080, 1.1793,
-4.9182

50.4060, 20.9988,
-15.2651

50.4060, 20.9988,
-15.2651

43.6060, 24.3512,
-17.1945

57.2060, 17.6464,
-13.3357

37.0940, 27.5617,
-20.2534

63.7180, 14.4360,
-10.2767

30.2940, 30.9141,
-22.1828

70.5180, 11.0836,
-8.3473

27.0380, 32.5193,
-23.7123

76.7310, 8.0206,
-5.9031

83.8300, 4.5208,
-3.3589

■ 90.0430, 1.4578,
-0.9147

■ 96.8430, -1.8946,
1.0147

■ 103.0560, -4.9576,
3.4589

■ 110.1550, -8.4574,
6.0031

Harmonies

Analogous

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



44.6480, 23.8375, -39.1563



50.4060, 20.9988, -15.2651



54.0350, 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.



50.4060, 20.9988, -15.2651



50.9300, -13.7695, 29.8794



41.0680, -0.0335, -36.0166

Complementary

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



50.4060, 20.9988, -15.2651



75.5940, -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.



45.6980, -12.1761, -14.6441



50.4060, 20.9988, -15.2651



50.7300, -20.5729, 18.6538

Square

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



50.4060, 20.9988, -15.2651



51.3680, -4.6184, 34.7573



48.9300, -20.6715, 3.5694



44.1630, 9.2866, -38.7310

Rectangle

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



50.4060, 20.9988, -15.2651



53.9180, 7.9284, 23.7509



48.9300, -20.6715, 3.5694



39.6830, -2.8017, -34.8020

Sweetspot

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



50.4060, 20.9988, -15.2651



103.7310, 8.0206, -5.9031



73.0080, 0.9821, -35.0870



50.9440, 4.9576, -3.4589



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.



50.4060, 20.9988, -15.2651



54.3370, 32.3719, -23.0975



43.4280, 24.4390, 1.3786



42.7440, 1.6052, -1.5295



31.9110, 38.4979, -27.9859



68.6950, 82.9744, -60.2455

Inverse Universe

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



52.9920, -0.9821, 35.0870



58.5860, -1.7679, 53.8601



82.5720, -24.4390, -1.3786



42.7230, 0.1366, 2.8739



36.6520, -1.8004, 64.3262



78.9570, -3.9228, 138.6037

Previews

White Background



This preview shows how the YUV color 50.4060, 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 50.4060, 20.9988, -15.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

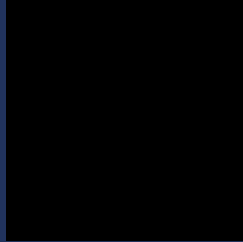
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4060, 20.9988, -15.2651

Background



This preview shows how black text looks on a background with the YUV color 50.4060, 20.9988, -15.2651.



This preview shows how white text looks on a background with the YUV color 50.4060, 20.9988,

-15.2651.

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

50.4060, 20.9988, -15.2651

Protanopia

50.4060, 20.9988, -15.2651

Deuteranopia

46.6820, 22.3418, -26.0311



Tritanopia

45.7130, 8.5225, -26.9353

Trichromacy



Original Color

50.4060, 20.9988, -15.2651

Protanomaly

50.4060, 20.9988, -15.2651

Deuteranomaly

47.8890, 21.7467, -21.8277

Tritanomaly

47.2990, 13.1636, -22.1872

Monochromacy



Original Color

50.4060, 20.9988, -15.2651

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0300, 7.8732, -5.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4060, 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(33, 51, 93)` looks like.

```
.text, #text, p{  
    color:rgb(33, 51, 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(33, 51, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 51, 93) }
```

Border

The CSS property to change the border of an element to YUV 50.4060, 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(33, 51, 93) }
```


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

```
.border{ border-color:rgb(33, 51, 93) }
```

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

Here you see how a box with a 4 pixel rgb(33, 51, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 51, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 51, 93);  
box-shadow:4px 4px 4px 4px rgb(33, 51, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.4060, 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(33, 51, 93) }
```

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

```
.background{ background-color: rgb(33, 51,  
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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