

Converting Colors

YUV(53.3010, 13.6556, 6.7520)

Have a look what the booklet for
YUV(53.3010, 13.6556, 6.7520)
contains.

YUV(53.3010, 13.6556, 6.7520)	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(53.3010, 13.6556,
6.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2C51
RGB	61, 44, 81
RGB Percent	24%, 17%, 32%
CMY	0.7608, 0.8275, 0.6824
CMYK	0.25, 0.46, 0.00, 0.68
HSL	268°, 30%, 25%
HSV	268°, 46%, 32%
XYZ	4.3104, 3.3875, 8.2113
YIQ	53.3010, -1.7450, 15.1110

Conversions

Conversions Part 2

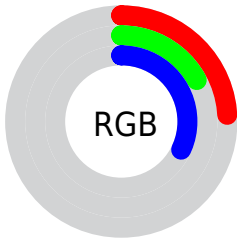
Format	Color
RYB	61, 44, 81
Decimal	4009041
CIELab	21.53, 16.52, -19.79
CIElCh	22, 25.776, 309.864
Yxy	3.3875, 0.2709, 0.2129
Android (android.graphics.Color)	4282199121 (0xFF3D2C51)
YUV	53.3010, 13.6556, 6.7520
Hunter-Lab	18.4053, 9.5939, -13.5677

Details

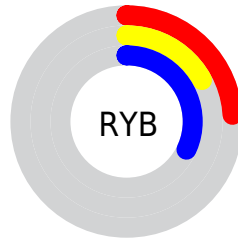
The YUV color **53.3010, 13.6556, 6.7520** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **71.6990, -13.6556, -6.7520**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3550, 15.1080, 7.5817**, and **10.0840, 12.7766, 8.6963** is the 20% darker color. If you saturate the color by 10%, you get **47.4090, 16.5604, 8.4113**, and if you desaturate by 10%, it is **59.1930, 10.7509, 5.0927**.

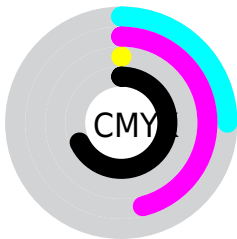
Distribution



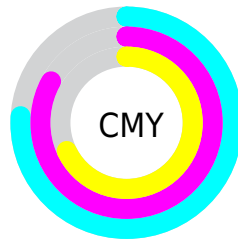
- Red (24%)
- Green (17%)
- Blue (32%)



- Red (24%)
- Yellow (17%)
- Blue (32%)



- Cyan (25%)
- Magenta (46%)
- Yellow (0%)
- Black (68%)



- Cyan (76%)
- Magenta (83%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.3010, 13.6556, 6.7520 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 53.3010, 13.6556, 6.7520 by changing the saturation by 10% instead.

■ 53.3010, 13.6556,
6.7520

■ 53.3010, 13.6556,
6.7520

■ 255.0000, 0.0000,
0.0000

■ 31.4750, 13.0768,
5.7224

■ 100.3550, 15.1080,
7.5817

■ 10.0840, 12.7766,
8.6963

■ 125.7680, 15.3974,
8.0965

■ 1.3680, 5.2416,
-1.1997

■ 151.2950, 16.1236,
8.5113

■ 0.0000, 0.0000,
0.0000

■ 178.5940, 15.9762,
9.1261

■ 206.1210, 16.7023,
9.5409

■ 232.6390, 11.0240,

10.8406

252.0650, 1.4470,
2.5740

53.3010, 13.6556,
6.7520

53.3010, 13.6556,
6.7520

47.4090, 16.5604,
8.4113

59.1930, 10.7509,
5.0927

41.2180, 19.6125,
9.4558

65.3840, 7.6987,
4.0482

35.3260, 22.5173,
11.1151

71.2760, 4.7939,
2.3889

29.1350, 25.5694,
12.1596

77.4670, 1.7418,
1.3444

22.6560, 28.7636,
14.3337

83.9460, -1.4524,
-0.8296

■ 20.2970, 29.9266,
14.6485

■ 89.8380, -4.3571,
-2.4889

■ 96.0290, -7.4093,
-3.5334

■ 101.9210,
-10.3141, -5.1927

■ 107.8130,
-13.2188, -6.8520

Harmonies

Analogous

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



49.0420, 19.6993, -18.4538



53.3010, 13.6556, 6.7520



53.0490, 5.8918, 23.6360

Triad

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



53.3010, 13.6556, 6.7520



50.5390, -17.5207, 19.6983



42.4190, 7.6814, -37.2015

Complementary

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



53.3010, 13.6556, 6.7520



71.6990, -13.6556, -6.7520

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.



39.8510, -0.9125, -34.0723



53.3010, 13.6556, 6.7520



49.1090, -18.7877, 6.0434

Square

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



53.3010, 13.6556, 6.7520



51.2010, -11.4381, 28.7647



46.6170, -12.6292, -9.3111



43.8840, 15.8332, -38.4863

Rectangle

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



53.3010, 13.6556, 6.7520



52.3010, 0.3446, 29.5540



46.6170, -12.6292, -9.3111



41.6210, 4.6238, -36.5016

Sweetspot

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



53.3010, 13.6556, 6.7520



93.8030, 5.5201, 2.8038



59.9580, 10.3737, -13.9952



46.6350, 3.6309, 2.0741



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



53.3010, 13.6556, 6.7520



61.3860, 21.5017, 10.1855



58.6830, 11.0023, 17.8180



38.0540, 1.4524, 0.8296



26.3220, 38.7883, 19.0116



58.4410, 85.5646, 42.5862

Inverse Universe

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



57.3430, 3.2819, 20.7472



67.8760, 4.9911, 32.5577



66.3170, -11.0023, -17.8180



38.4240, 0.2840, 2.2592



37.8930, 9.4198, 58.8528



83.6180, 20.4013, 130.1310

Previews

White Background



This preview shows how the YUV color 53.3010, 13.6556, 6.7520 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 53.3010, 13.6556, 6.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

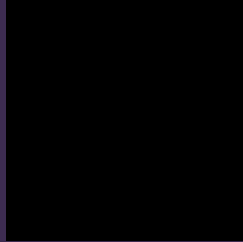
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.3010, 13.6556, 6.7520

Background



This preview shows how black text looks on a background with the YUV color 53.3010, 13.6556, 6.7520.



This preview shows how white text looks on a background with the YUV color 53.3010, 13.6556,

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

53.3010, 13.6556, 6.7520

Protanopia

50.9180, 17.7884, -12.2061

Deuteranopia

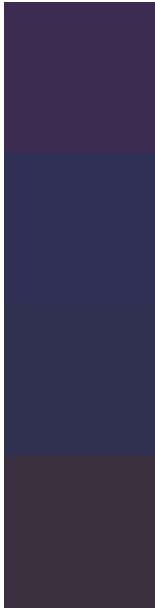
50.8920, 13.8572, -11.3063



Tritanopia

52.2500, 0.8628, 3.2888

Trichromacy



Original Color

53.3010, 13.6556, 6.7520

Protanomaly

51.6200, 16.4563, -4.9287

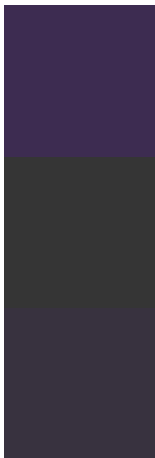
Deuteranomaly

51.6370, 13.9830, -4.9436

Tritanomaly

52.8140, 5.5147, 4.5481

Monochromacy



Original Color

53.3010, 13.6556, 6.7520

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2760, 4.7939, 2.3889

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3010, 13.6556, 6.7520 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(61, 44, 81)` looks like.

```
.text, #text, p{  
    color:rgb(61, 44, 81)  
}
```

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(61, 44, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 44, 81) }
```

Border

The CSS property to change the border of an element to YUV 53.3010, 13.6556, 6.7520 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(61, 44, 81) }
```


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

```
.border{ border-color:rgb(61, 44, 81) }
```

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

Here you see how a box with a 4 pixel rgb(61, 44, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 44, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 44, 81);  
box-shadow:4px 4px 4px 4px rgb(61, 44, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.3010, 13.6556, 6.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 44, 81) }
```

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

```
.background{ background-color: rgb(61, 44,  
81) }
```

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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