

Converting Colors

YUV(53.5290, 14.5292, 6.5521)

Have a look what the booklet for
YUV(53.5290, 14.5292, 6.5521)
contains.

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Color

**YUV(53.5290, 14.5292,
6.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2C53
RGB	61, 44, 83
RGB Percent	24%, 17%, 33%
CMY	0.7608, 0.8275, 0.6745
CMYK	0.27, 0.47, 0.00, 0.67
HSL	266°, 31%, 25%
HSV	266°, 47%, 33%
XYZ	4.3865, 3.4180, 8.6122
YIQ	53.5290, -2.3870, 15.7330

Conversions

Conversions Part 2

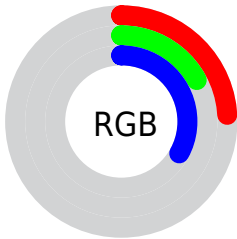
Format	Color
RYB	61, 44, 83
Decimal	4009043
CIELab	21.65, 17.08, -20.95
CIElCh	22, 27.027, 309.199
Yxy	3.4180, 0.2672, 0.2082
Android (android.graphics.Color)	4282199123 (0xFF3D2C53)
YUV	53.5290, 14.5292, 6.5521
Hunter-Lab	18.4878, 9.9978, -14.6775




Details

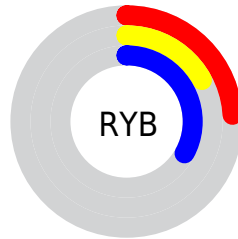
The YUV color **53.5290, 14.5292, 6.5521** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73.4710, -14.5292, -6.5521**, and the grayscale version is **53.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **100.8820, 15.8342, 7.9965**, and **10.3120, 13.6502, 8.4964** is the 20% darker color. If you saturate the color by 10%, you get **47.3380, 17.5814, 7.5966**, and if you desaturate by 10%, it is **59.7200, 11.4770, 5.5076**.

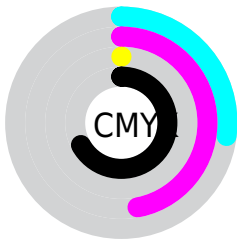
Distribution







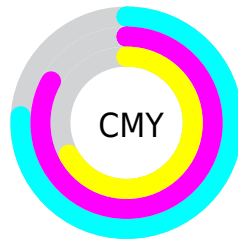
-  Red (24%)
-  Green (17%)
-  Blue (33%)






-  Red (24%)
-  Yellow (17%)
-  Blue (33%)



-  Cyan (27%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (76%)
-  Magenta (83%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.5290, 14.5292, 6.5521 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 53.5290, 14.5292, 6.5521 by changing the saturation by 10% instead.

■ 53.5290, 14.5292,
6.5521

■ 53.5290, 14.5292,
6.5521

■ 255.0000, 0.0000,
0.0000

■ 31.7030, 13.9504,
5.5225

■ 100.8820, 15.8342,
7.9965

■ 10.3120, 13.6502,
8.4964

■ 125.9960, 16.2710,
7.8965

■ 2.2970, 6.2626,
-2.0145

■ 151.8220, 16.8498,
8.9261

■ 0.0000, 0.0000,
0.0000

■ 178.9360, 17.2866,
8.8261

■ 206.3490, 17.5759,
9.3409

■ 232.6390, 11.0240,

10.8406

252.0650, 1.4470,
2.5740

53.5290, 14.5292,
6.5521

53.5290, 14.5292,
6.5521

47.3380, 17.5814,
7.5966

59.7200, 11.4770,
5.5076

40.8590, 20.7755,
9.7707

66.1990, 8.2829,
3.3335

34.6680, 23.8277,
10.8152

72.3900, 5.2307,
2.2890

28.4770, 26.8798,
11.8597

78.5810, 2.1786,
1.2445

22.5850, 29.7846,
13.5190

84.4730, -0.7262,
-0.4148

■ 20.2260, 30.9476,
13.8338

■ 91.2510, -4.0677,
-1.9741

■ 97.4420, -7.1199,
-3.0186

■ 103.3340,
-10.0247, -4.6779

■ 110.1120,
-13.3662, -6.2372

Harmonies

Analogous

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



48.0740, 21.1625, -21.1129



53.5290, 14.5292, 6.5521



52.9890, 6.9074, 24.5656

Triad

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



53.5290, 14.5292, 6.5521



50.6100, -18.5417, 20.5130



43.0060, 7.3920, -37.7163

Complementary

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



53.5290, 14.5292, 6.5521



73.4710, -14.5292, -6.5521

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.



40.0250, -1.4913, -35.1019



53.5290, 14.5292, 6.5521



49.0660, -20.2455, 6.9581

Square

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



53.5290, 14.5292, 6.5521



50.9130, -11.2961, 29.8943



46.6770, -13.6448, -10.2407



44.5850, 15.9806, -39.1010

Rectangle

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



53.5290, 14.5292, 6.5521



52.0130, 0.4866, 30.6836



46.6770, -13.6448, -10.2407



41.6210, 4.6238, -36.5016

Sweetspot

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



53.5290, 14.5292, 6.5521



95.8030, 5.5201, 2.8038



61.3600, 10.6685, -15.2247



46.3360, 3.7784, 1.4593



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.



53.5290, 14.5292, 6.5521



61.6140, 22.3753, 9.9855



59.2100, 11.7285, 18.2328



37.7550, 1.5998, 0.2149



25.7240, 39.0831, 17.7821



56.6470, 86.4490, 38.8976

Inverse Universe

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



58.1690, 3.8607, 21.7768



68.8160, 6.0067, 33.4874



67.7900, -11.7285, -18.2328



38.4240, 0.2840, 2.2592



38.1210, 10.2933, 58.6529



84.3020, 23.0221, 129.5311

Previews

White Background



This preview shows how the YUV color 53.5290, 14.5292, 6.5521 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 53.5290, 14.5292, 6.5521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

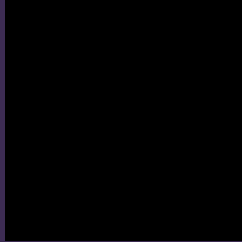
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.5290, 14.5292, 6.5521

Background



This preview shows how black text looks on a background with the YUV color 53.5290, 14.5292, 6.5521.



This preview shows how white text looks on a background with the YUV color 53.5290, 14.5292,

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

53.5290, 14.5292, 6.5521

Protanopia

50.5480, 18.9568, -13.6356

Deuteranopia

50.8210, 14.8782, -12.1210



Tritanopia

52.9510, 1.0102, 2.6740

Trichromacy



Original Color

53.5290, 14.5292, 6.5521

Protanomaly

51.2500, 17.6248, -6.3582

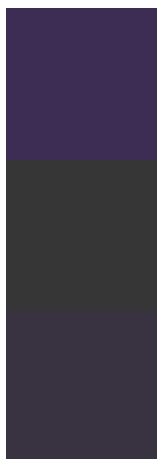
Deuteranomaly

51.8650, 14.8566, -5.1436

Tritanomaly

52.9280, 5.9515, 4.4481

Monochromacy



Original Color

53.5290, 14.5292, 6.5521

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.5290, 14.5292, 6.5521 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(61, 44, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 44, 83) }
```

Border

The CSS property to change the border of an element to YUV 53.5290, 14.5292, 6.5521 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, 83) }
```


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

```
.border{ border-color:rgb(61, 44, 83) }
```

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, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 44, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 44, 83);  
box-shadow:4px 4px 4px 4px rgb(61, 44, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.5290, 14.5292, 6.5521 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, 83) }
```

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

```
.background{ background-color: rgb(61, 44,  
83) }
```

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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