

Converting Colors

YUV(53.6150, 24.3468, 31.0326)

Have a look what the booklet for
YUV(53.6150, 24.3468, 31.0326)
contains.

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Color

**YUV(53.6150, 24.3468,
31.0326)**

Conversions

Conversions Part 1

Format	Color
Hex	591A67
RGB	89, 26, 103
RGB Percent	35%, 10%, 40%
CMY	0.6510, 0.8980, 0.5961
CMYK	0.14, 0.75, 0.00, 0.60
HSL	289°, 60%, 25%
HSV	289°, 75%, 40%
XYZ	6.9374, 3.8419, 13.2079
YIQ	53.6150, 12.8310, 37.3030

Conversions

Conversions Part 2

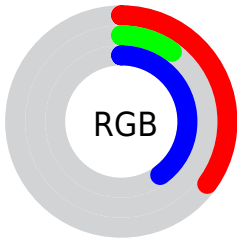
Format	Color
R_{YB}	89, 26, 103
Decimal	5839463
CIE Lab	23.14, 40.24, -31.52
CIE LCh	23, 51.116, 321.931
Yxy	3.8419, 0.2892, 0.1602
Android (android.graphics.Color)	4284029543 (0xFF591A67)
YUV	53.6150, 24.3468, 31.0326
Hunter-Lab	19.6008, 28.8760, -26.2317

Details

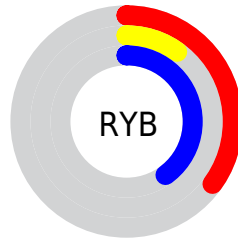
The YUV color **53.6150, 24.3468, 31.0326** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **75.3850, -24.3468, -31.0326**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.7400, 24.7782, 32.6770**, and **18.5290, 17.9802, 19.7071** is the 20% darker color. If you saturate the color by 10%, you get **47.1470, 27.5355, 34.9511**, and if you desaturate by 10%, it is **60.0830, 21.1581, 27.1142**.

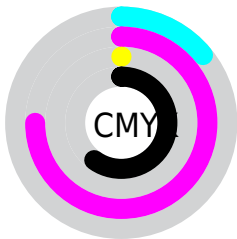
Distribution



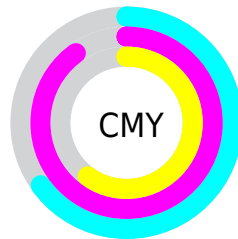
- Red (35%)
- Green (10%)
- Blue (40%)



- Red (35%)
- Yellow (10%)
- Blue (40%)



- Cyan (14%)
- Magenta (75%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (90%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.6150, 24.3468, 31.0326 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 53.6150, 24.3468, 31.0326 by changing the saturation by 10% instead.

■ 53.6150, 24.3468,
31.0326

■ 53.6150, 24.3468,
31.0326

■ 255.0000, 0.0000,
0.0000

■ 28.1420, 25.0730,
31.4475

■ 104.7400, 24.7782,
32.6770

■ 18.5290, 17.9802,
19.7071

■ 130.5660, 25.3570,
33.7066

■ 4.9580, 13.8247,
-0.8402

■ 157.2780, 25.4989,
34.8362

■ 0.6840, 2.6208,
-0.5999

■ 184.8050, 26.2251,
35.2510

■ 0.0000, 0.0000,
0.0000

■ 211.5620, 21.4149,
38.0951

■ 228.5850, 13.0226,

23.1660

245.0210, 4.9196,
8.7516

53.6150, 24.3468,
31.0326

53.6150, 24.3468,
31.0326

47.1470, 27.5355,
34.9511

60.0830, 21.1581,
27.1142

40.0920, 31.0136,
39.3843

67.1380, 17.6800,
22.6810

36.8580, 32.6080,
41.3435

73.6060, 14.4912,
18.7625

79.7750, 11.4499,
14.2293

86.8300, 7.9718,
9.7961

■ 93.2980, 4.7831,
5.8777

■ 99.7660, 1.5944,
1.9592

■ 106.2340, -1.5944,
-1.9592

■ 113.2890, -5.0725,
-6.3925

Harmonies

Analogous

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



45.0240, 40.4142, -35.9780



53.6150, 24.3468, 31.0326



42.0230, 12.3137, 64.0008

Triad

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



53.6150, 24.3468, 31.0326



52.3730, -25.8199, 21.5979



51.1390, 15.7075, -44.8489

Complementary

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



53.6150, 24.3468, 31.0326



75.3850, -24.3468, -31.0326

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.



45.9920, -1.4751, -40.3350



53.6150, 24.3468, 31.0326



48.3650, -23.8439, -5.5821

Square

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



53.6150, 24.3468, 31.0326



48.7060, -24.0121, 48.4928



39.3290, -19.3892, -34.4915



53.7270, 30.7006, -47.1186

Rectangle

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



53.6150, 24.3468, 31.0326



40.6680, 0.6567, 69.5742



39.3290, -19.3892, -34.4915



49.6570, 10.0291, -43.5492

Sweetspot

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



53.6150, 24.3468, 31.0326



115.8950, 9.4188, 12.3701



42.9960, 29.5820, -14.9055



57.5370, 5.6513, 7.4221



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



53.6150, 24.3468, 31.0326



57.3950, 38.2593, 48.7656



55.0650, 11.8000, 42.0390



47.7660, 1.5944, 1.9592



41.2160, 36.3755, 46.2916



86.7900, 76.5185, 97.5312

Inverse Universe

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



50.6190, -5.2352, 45.9381



52.6870, -8.2267, 72.1885



73.9350, -11.8000, -42.0390



47.6090, -0.3002, 2.9739



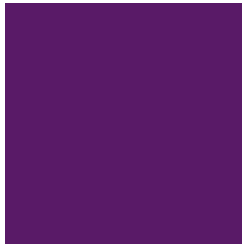
36.7790, -7.7790, 68.5998



77.3740, -16.4534, 144.3770

Previews

White Background



This preview shows how the YUV color 53.6150, 24.3468, 31.0326 looks on a white background.

Color Contrast Check

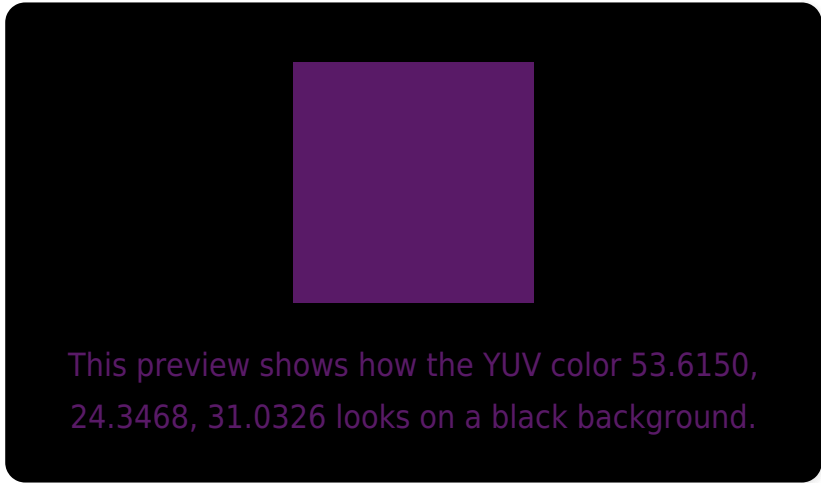
Large Text (above 18pt) WCAG AA ✓ Pass

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

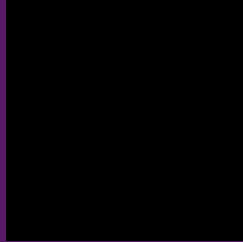
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.6150, 24.3468, 31.0326

Background



This preview shows how black text looks on a background with the YUV color 53.6150, 24.3468, 31.0326.



This preview shows how white text looks on a background with the YUV color 53.6150, 24.3468,

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

53.6150, 24.3468, 31.0326

Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

51.8070, 22.7731, -24.3867



Tritanopia

57.1060, -3.9963, 21.8320

Trichromacy



Original Color

53.6150, 24.3468, 31.0326

Protanomaly

48.0500, 31.0343, -14.0758

Deuteranomaly

52.7540, 23.2923, -4.1693

Tritanomaly

56.1740, 6.3232, 25.2804

Monochromacy



Original Color

53.6150, 24.3468, 31.0326

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0690, 8.8400, 11.3405

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.6150, 24.3468, 31.0326 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, 26, 103)` looks like.

```
.text, #text, p{  
    color:rgb(89, 26, 103)  
}
```

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, 26, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 26, 103) }
```

Border

The CSS property to change the border of an element to YUV 53.6150, 24.3468, 31.0326 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, 26, 103) }
```


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

```
.border{ border-color:rgb(89, 26, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 26, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 26, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 26, 103);  
box-shadow:4px 4px 4px 4px rgb(89, 26,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 53.6150, 24.3468, 31.0326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 26, 103) }
```

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

```
.background{ background-color: rgb(89, 26,  
103) }
```

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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