

Converting Colors

YUV(54.1160, 31.0018, -3.6097)

Have a look what the booklet for
YUV(54.1160, 31.0018, -3.6097)
contains.

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Color

**YUV(54.1160, 31.0018,
-3.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	322C75
RGB	50, 44, 117
RGB Percent	20%, 17%, 46%
CMY	0.8039, 0.8275, 0.5412
CMYK	0.57, 0.62, 0.00, 0.54
HSL	245°, 45%, 32%
HSV	245°, 62%, 46%
XYZ	5.4270, 3.7638, 17.2701
YIQ	54.1160, -19.8570, 23.9750

Conversions

Conversions Part 2

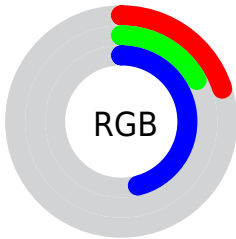
Format	Color
R_{YB}	50, 44, 117
Decimal	3288181
CIE _{Lab}	22.87, 24.97, -41.24
CIE _{LCh}	23, 48.208, 301.198
Yxy	3.7638, 0.2051, 0.1422
Android (android.graphics.Color)	4281478261 (0xFF322C75)
YUV	54.1160, 31.0018, -3.6097
Hunter-Lab	19.4006, 15.9811, -39.1986

Details

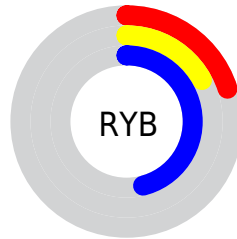
The YUV color **54.1160, 31.0018, -3.6097** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **106.8840, -31.0018, 3.6097**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0070, 33.0275, -0.0061**, and **7.7520, 29.7023, -6.7985** is the 20% darker color. If you saturate the color by 10%, you get **43.7830, 36.0960, -4.1947**, and if you desaturate by 10%, it is **64.4490, 25.9076, -3.0248**.

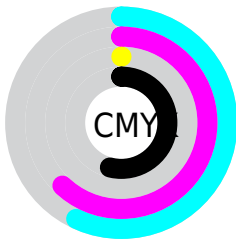
Distribution



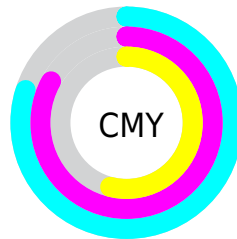
- Red (20%)
- Green (17%)
- Blue (46%)



- Red (20%)
- Yellow (17%)
- Blue (46%)



- Cyan (57%)
- Magenta (62%)
- Yellow (0%)
- Black (54%)



- Cyan (80%)
- Magenta (83%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.1160, 31.0018, -3.6097 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 54.1160, 31.0018, -3.6097 by changing the saturation by 10% instead.

■ 54.1160, 31.0018,
-3.6097

■ 54.1160, 31.0018,
-3.6097

■ 255.0000, 0.0000,
0.0000

■ 30.2680, 30.4339,
-8.1280

■ 103.0070, 33.0275,
-0.0061

■ 7.7520, 29.7023,
-6.7985

■ 128.8330, 33.6063,
1.0235

■ 6.8910, 18.7877,
-6.0434

■ 154.8870, 35.0587,
1.8531

■ 3.2090, 9.7570,
-2.8143

■ 182.3000, 35.3481,
2.3679

■ 0.0000, 0.0000,
0.0000

■ 206.6350, 23.8439,
5.5821

■ 231.7420, 11.4662,

8.9963

252.0650, 1.4470,
2.5740

54.1160, 31.0018,
-3.6097

54.1160, 31.0018,
-3.6097

43.7830, 36.0960,
-4.1947

64.4490, 25.9076,
-3.0248

34.3360, 40.7534,
-4.6797

73.8960, 21.2503,
-2.5398

24.0030, 45.8475,
-5.2646

84.2290, 16.1561,
-1.9548

16.3280, 49.6313,
-5.5497

94.5620, 11.0619,
-1.3699

104.3080, 6.2572,
-0.2701

■ 114.3420, 1.3104,
-0.2999

■ 124.6750, -3.7838,
0.2850

■ 135.0080, -8.8779,
0.8700

■ 144.7540,
-13.6827, 1.9697

Harmonies

Analogous

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



49.2250, 38.8361, -43.1703



54.1160, 31.0018, -3.6097



50.4160, 19.5149, 40.8542

Triad

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



54.1160, 31.0018, -3.6097



50.7110, -25.0005, 38.8415



46.7730, 4.0559, -41.0199

Complementary

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



54.1160, 31.0018, -3.6097



106.8840, -31.0018, 3.6097

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.



41.1530, -12.4004, -36.0912



54.1160, 31.0018, -3.6097



51.7310, -25.5034, 13.3909

Square

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



54.1160, 31.0018, -3.6097



43.3990, -11.5357, 60.1631



46.2500, -22.8012, -13.3742



50.8770, 19.7806, -44.6191

Rectangle

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



54.1160, 31.0018, -3.6097



40.8270, 12.9033, 61.5417



46.2500, -22.8012, -13.3742



45.2910, -1.6225, -39.7202

Sweetspot

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



54.1160, 31.0018, -3.6097



127.9040, 12.3723, -1.6698



92.2380, 12.2077, -42.3047



61.3510, 7.7150, -1.1848



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



54.1160, 31.0018, -3.6097



54.1000, 48.7577, -5.3497



64.5810, 25.8426, 17.9075



53.6840, 2.6208, -0.5999



16.8980, 51.8153, -6.0495



34.7790, 106.1040, -12.0842

Inverse Universe

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



73.4650, 18.5048, 38.1802



84.4690, 29.3488, 60.1017



96.4190, -25.8426, -17.9075



55.3640, 1.2995, 3.1888



49.2460, 30.9377, 63.8053



100.8560, 63.1750, 130.7993

Previews

White Background



This preview shows how the YUV color 54.1160, 31.0018, -3.6097 looks on a white background.

Color Contrast Check

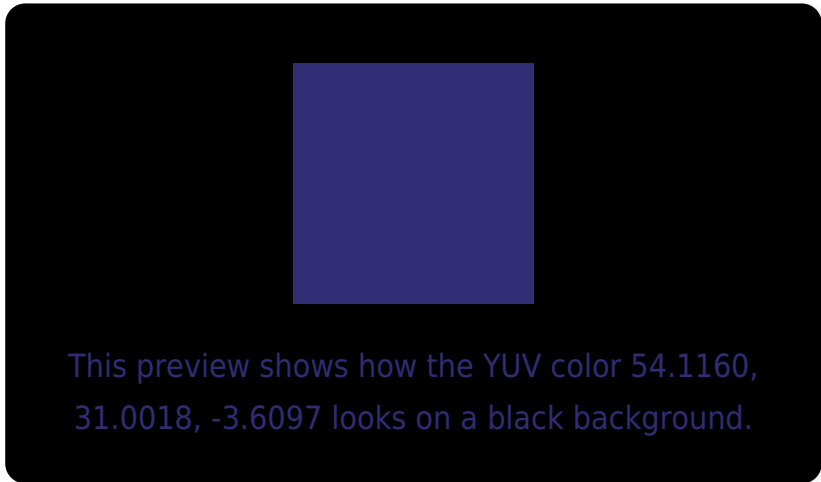
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.1160, 31.0018, -3.6097

Background



This preview shows how black text looks on a background with the YUV color 54.1160, 31.0018, -3.6097.



This preview shows how white text looks on a background with the YUV color 54.1160, 31.0018,

-3.6097.

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

54.1160, 31.0018, -3.6097

Protanopia

43.8790, 33.5837, -38.4819

Deuteranopia

43.9300, 26.1635, -38.5266



Tritanopia

50.6000, 6.6062, -18.9432

Trichromacy



Original Color

54.1160, 31.0018, -3.6097

Protanomaly

47.7280, 32.6721, -26.0715

Deuteranomaly

47.7620, 27.7253, -26.1013

Tritanomaly

52.2230, 15.1731, -13.3506

Monochromacy



Original Color

54.1160, 31.0018, -3.6097

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9750, 11.3513, -0.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.1160, 31.0018, -3.6097 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(50, 44, 117)` looks like.

```
.text, #text, p{  
    color:rgb(50, 44, 117)  
}
```

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(50, 44, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 44, 117) }
```

Border

The CSS property to change the border of an element to YUV 54.1160, 31.0018, -3.6097 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(50, 44, 117) }
```


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

```
.border{ border-color:rgb(50, 44, 117) }
```

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

Here you see how a box with a 4 pixel rgb(50, 44, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 44, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 44, 117);  
box-shadow:4px 4px 4px 4px rgb(50, 44,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 54.1160, 31.0018, -3.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 44, 117) }
```

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

```
.background{ background-color: rgb(50, 44,  
117) }
```

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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