

Converting Colors

YUV(60.5090, 31.3011,
-53.0664)

Have a look what the booklet for
YUV(60.5090, 31.3011, -53.0664)
contains.

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Color

**YUV(60.5090, 31.3011,
-53.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	004F7C
RGB	0, 79, 124
RGB Percent	0%, 31%, 49%
CMY	1.0000, 0.6902, 0.5137
CMYK	1.00, 0.36, 0.00, 0.51
HSL	202°, 100%, 24%
HSV	202°, 100%, 49%
XYZ	6.4341, 7.0472, 20.0899
YIQ	60.5090, -61.5290, -2.7530

Conversions

Conversions Part 2

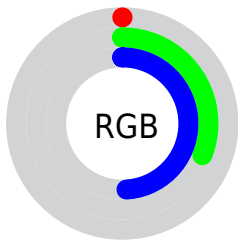
Format	Color
R_{YB}	0, 48, 124
Decimal	20348
CIE _{Lab}	31.91, -2.75, -31.25
CIE _{LCh}	32, 31.370, 264.970
Yxy	7.0472, 0.1917, 0.2099
Android (android.graphics.Color)	4278210428 (0xFF004F7C)
YUV	60.5090, 31.3011, -53.0664
Hunter-Lab	26.5466, -3.1936, -26.2869

Details

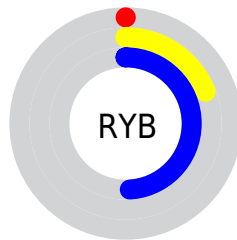
The YUV color **60.5090, 31.3011, -53.0664** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **63.4910, -31.3011, 53.0664**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.7390, 29.2157, -37.4821**, and **29.0950, 22.6312, -25.5163** is the 20% darker color. If you saturate the color by 10%, you get **60.5090, 31.3011, -53.0664**, and if you desaturate by 10%, it is **66.4450, 28.3746, -47.7483**.

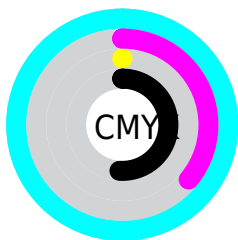
Distribution



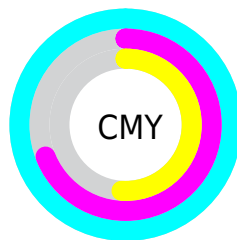
- Red (0%)
- Green (31%)
- Blue (49%)



- Red (0%)
- Yellow (19%)
- Blue (49%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.5090, 31.3011, -53.0664 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 60.5090, 31.3011, -53.0664 by changing the saturation by 10% instead.

60.5090, 31.3011,
-53.0664

60.5090, 31.3011,
-53.0664

255.0000, 0.0000,
0.0000

44.1580, 27.0371,
-38.7266

117.7390, 29.2157,
-37.4821

29.0950, 22.6312,
-25.5163

144.4510, 29.3577,
-36.3525

13.5590, 18.9514,
-11.8912

171.3910, 30.3732,
-35.4229

4.5940, 12.5252,
-4.0289

198.7070, 27.7524,
-34.8230

0.0000, 0.0000,
0.0000

223.8140, 15.3747,
-31.4089

243.6380, 5.6015,

-23.3615

■ 252.3090, 1.3267,
-5.5330

■ 60.5090, 31.3011,
-53.0664

■ 66.4450, 28.3746,
-47.7483

■ 73.2670, 25.0114,
-42.3302

■ 79.2030, 22.0849,
-37.0120

■ 86.0250, 18.7217,
-31.5939

■ 91.9610, 15.7952,
-26.2758

■ 98.4840, 12.5794,
-21.4725

■ 104.7190, 9.5055,
-15.5396

■ 111.2420, 6.2897,
-10.7362

■ 117.4770, 3.2158,
-4.8033

Harmonies

Analogous

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



63.0050, 25.6335, -55.2554



60.5090, 31.3011, -53.0664



75.4010, 21.9873, -5.6137

Triad

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



60.5090, 31.3011, -53.0664



74.5490, -9.1447, 39.8605



66.5010, -10.1070, -24.9954

Complementary

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



60.5090, 31.3011, -53.0664



63.4910, -31.3011, 53.0664

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.



70.7830, -21.0920, -1.5637



60.5090, 31.3011, -53.0664



74.1600, -19.3059, 32.3087

Square

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



60.5090, 31.3011, -53.0664



76.1000, 1.9227, 36.7463



72.8070, -24.0619, 17.7093



59.0490, 5.3988, -51.7860

Rectangle

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



60.5090, 31.3011, -53.0664



77.9150, 15.8179, 13.2295



72.8070, -24.0619, 17.7093



67.8180, -14.2073, -16.5034

Sweetspot

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



60.5090, 31.3011, -53.0664



135.7830, 12.4320, -20.8577



77.6900, -17.1022, -68.1341



66.5730, 7.6055, -12.7805



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



60.5090, 31.3011, -53.0664



78.2280, 40.8066, -68.6060



25.2890, 48.6645, -22.1785



58.0320, 1.4632, -2.6591



61.2100, 31.4485, -53.6812



123.2350, 63.4811, -108.0771

Inverse Universe

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



46.0820, 16.2286, 68.3341



59.7670, 20.8209, 88.7813



98.7110, -48.6645, 22.1785



57.2500, 0.8628, 3.2887



46.4950, 16.5180, 68.8489



93.7020, 33.1779, 138.8273

Previews

White Background



This preview shows how the YUV color 60.5090, 31.3011, -53.0664 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 60.5090, 31.3011, -53.0664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

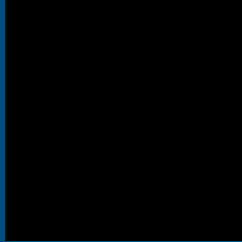
Any Text WCAG AA × Fail

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 60.5090, 31.3011, -53.0664 Background



This preview shows how black text looks on a background with the YUV color 60.5090, 31.3011, -53.0664.



This preview shows how white text looks on a background with the YUV color 60.5090, 31.3011,

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



Protanopia

74.3460, 22.0144, -14.3354

Deuteranopia

71.7190, 26.2675, -25.1866

Tritanopia

59.5680, 15.0030, -52.2411

Trichromacy



Protanomaly

69.4690, 25.4048, -28.4753

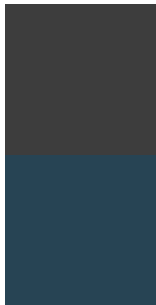
Deuteranomaly

67.5220, 28.3367, -35.5378

Tritanomaly

59.7620, 20.8233, -52.4113

Monochromacy



Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1530, 11.2636, -19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.5090, 31.3011, -53.0664 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(0, 79, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 124)  
}
```

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(0, 79, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 124) }
```

Border

The CSS property to change the border of an element to YUV 60.5090, 31.3011, -53.0664 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(0, 79, 124) }
```

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

```
.border{ border-color:rgb(0, 79, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 124)  
}
```


Background

The CSS property to change the background color of an element to YUV 60.5090, 31.3011, -53.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 124) }
```

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

```
.background{ background-color: rgb(0, 79,  
124) }
```

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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