

Converting Colors

YUV(54.7440, 18.3672,
-11.1765)

Have a look what the booklet for
YUV(54.7440, 18.3672, -11.1765)
contains.

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Color

**YUV(54.7440, 18.3672,
-11.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	2A365C
RGB	42, 54, 92
RGB Percent	16%, 21%, 36%
CMY	0.8353, 0.7882, 0.6392
CMYK	0.54, 0.41, 0.00, 0.64
HSL	226°, 37%, 26%
HSV	226°, 54%, 36%
XYZ	4.2058, 3.9033, 10.6570
YIQ	54.7440, -19.3500, 9.2740

Conversions

Conversions Part 2

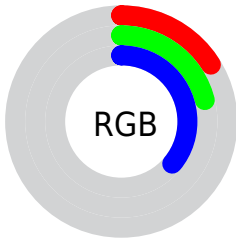
Format	Color
R_{YB}	42, 52, 92
Decimal	2766428
CIE _{Lab}	23.35, 7.24, -24.33
CIE _{LCh}	23, 25.382, 286.579
Yxy	3.9033, 0.2241, 0.2080
Android (android.graphics.Color)	4280956508 (0xFF2A365C)
YUV	54.7440, 18.3672, -11.1765
Hunter-Lab	19.7567, 3.4245, -18.1519

Details

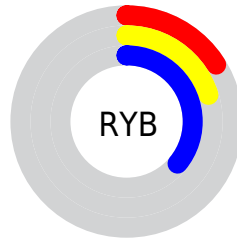
The YUV color **54.7440, 18.3672, -11.1765** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **79.2560, -18.3672, 11.1765**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2110, 20.1090, -9.8320**, and **11.1140, 17.1988, -9.7470** is the 20% darker color. If you saturate the color by 10%, you get **47.9440, 21.7196, -13.1059**, and if you desaturate by 10%, it is **61.5440, 15.0148, -9.2471**.

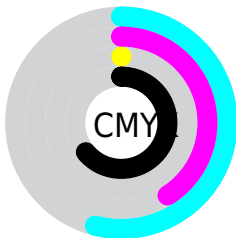
Distribution



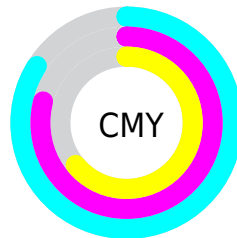
- Red (16%)
- Green (21%)
- Blue (36%)



- Red (16%)
- Yellow (20%)
- Blue (36%)



- Cyan (54%)
- Magenta (41%)
- Yellow (0%)
- Black (64%)



- Cyan (84%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7440, 18.3672, -11.1765 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 54.7440, 18.3672, -11.1765 by changing the saturation by 10% instead.

■ 54.7440, 18.3672,
-11.1765

■ 54.7440, 18.3672,
-11.1765

■ 255.0000, 0.0000,
0.0000

■ 32.2060, 17.6464,
-13.3357

■ 102.2110, 20.1090,
-9.8320

■ 11.1140, 17.1988,
-9.7470

■ 127.6240, 20.3984,
-9.3172

■ 3.4370, 10.6306,
-3.0142

■ 153.7380, 20.8352,
-9.4172

■ 0.0000, 0.0000,
0.0000

■ 180.8520, 21.2720,
-9.5172

■ 208.0800, 22.1456,
-9.7172

■ 233.4150, 10.6414,

-6.5030

■ 54.7440, 18.3672,
-11.1765

■ 54.7440, 18.3672,
-11.1765

■ 47.9440, 21.7196,
-13.1059

■ 61.5440, 15.0148,
-9.2471

■ 41.1440, 25.0720,
-15.0353

■ 68.3440, 11.6624,
-7.3177

■ 34.0450, 28.5718,
-17.5795

■ 75.4430, 8.1626,
-4.7735

■ 27.2450, 31.9242,
-19.5089

■ 82.2430, 4.8102,
-2.8441

■ 23.4020, 33.8188,
-20.5236

■ 89.0430, 1.4578,
-0.9147

■ 95.8430, -1.8946,
1.0147

■ 102.6430, -5.2470,
2.9441

■ 109.7420, -8.7468,
5.4883

■ 116.5420,
-12.0992, 7.4177

Harmonies

Analogous

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



45.7080, 22.8220, -40.0859



54.7440, 18.3672, -11.1765



57.2800, 12.1870, 11.1554

Triad

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



54.7440, 18.3672, -11.1765



54.8480, -12.7431, 27.3203



43.3990, 1.2823, -38.0609

Complementary

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



54.7440, 18.3672, -11.1765



79.2560, -18.3672, 11.1765

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.



50.0510, -10.8711, -13.1997



54.7440, 18.3672, -11.1765



54.7020, -18.0941, 16.9243

Square

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



54.7440, 18.3672, -11.1765



55.3460, -4.6076, 31.2686



52.7280, -17.6139, 2.8695



45.6790, 10.0183, -40.0605

Rectangle

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



54.7440, 18.3672, -11.1765



57.2660, 6.7709, 21.6917



52.7280, -17.6139, 2.8695



46.0150, -2.9654, -28.9542

Sweetspot

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



54.7440, 18.3672, -11.1765



105.5140, 7.1416, -3.9588



75.6820, 2.1288, -29.5391



52.4280, 4.2260, -2.1294



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



54.7440, 18.3672, -11.1765



62.0450, 28.5718, -17.5795



51.5870, 19.9236, 2.9932



42.1570, 1.8946, -1.0147



27.8020, 40.5236, -24.3824



60.4770, 87.0258, -53.0383

Inverse Universe

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



58.3180, -2.1288, 29.5391



67.4880, -3.1986, 46.0530



82.7120, -20.0710, -2.3784



42.6090, -0.3002, 2.9739



35.8540, -4.8580, 65.0260



77.3610, -10.0380, 140.0034

Previews

White Background



This preview shows how the YUV color 54.7440, 18.3672, -11.1765 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 54.7440, 18.3672, -11.1765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

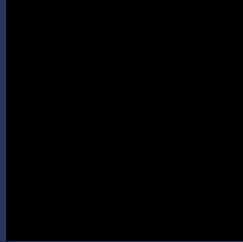
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.7440, 18.3672, -11.1765

Background



This preview shows how black text looks on a background with the YUV color 54.7440, 18.3672, -11.1765.



This preview shows how white text looks on a background with the YUV color 54.7440, 18.3672,

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

54.7440, 18.3672, -11.1765

Protanopia

54.1460, 18.6620, -12.4060

Deuteranopia

53.2270, 19.1151, -17.7391



Tritanopia

52.1980, 6.3114, -17.7136

Trichromacy



Original Color

54.7440, 18.3672, -11.1765

Protanomaly

54.4450, 18.5146, -11.7913

Deuteranomaly

53.5370, 18.9623, -15.3799

Tritanomaly

53.3600, 10.6685, -15.2247

Monochromacy



Original Color

54.7440, 18.3672, -11.1765

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7440, 18.3672, -11.1765 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(42, 54, 92)` looks like.

```
.text, #text, p{  
    color:rgb(42, 54, 92)  
}
```

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(42, 54, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 54, 92) }
```

Border

The CSS property to change the border of an element to YUV 54.7440, 18.3672, -11.1765 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(42, 54, 92) }
```


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

```
.border{ border-color:rgb(42, 54, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 54, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 54, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 54, 92);  
box-shadow:4px 4px 4px 4px rgb(42, 54, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.7440, 18.3672, -11.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 54, 92) }
```

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

```
.background{ background-color: rgb(42, 54,  
92) }
```

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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