

Converting Colors

YUV(55.6140, -18.0507, 2.9695)

Have a look what the booklet for
YUV(55.6140, -18.0507, 2.9695)
contains.

YUV(55.6140, -18.0507, 2.9695)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(55.6140, -18.0507,
2.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3D13
RGB	59, 61, 19
RGB Percent	23%, 24%, 7%
CMY	0.7686, 0.7608, 0.9255
CMYK	0.03, 0.00, 0.69, 0.76
HSL	63°, 53%, 16%
HSV	63°, 69%, 24%
XYZ	3.5899, 4.3143, 1.2596
YIQ	55.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

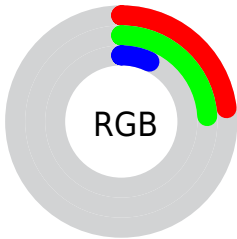
Format	Color
RYB	19, 61, 21
Decimal	3882259
CIELab	24.68, -7.61, 24.91
CIELCh	25, 26.047, 106.976
Yxy	4.3143, 0.3917, 0.4708
Android (android.graphics.Color)	4282072339 (0xFF3B3D13)
YUV	55.6140, -18.0507, 2.9695
Hunter-Lab	20.7709, -5.4983, 10.9441

Details

The YUV color **55.6140, -18.0507, 2.9695** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24.3860, 18.0507, -2.9695**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9840, -19.2191, 4.3990**, and **13.2460, -6.5303, -5.4777** is the 20% darker color. If you saturate the color by 10%, you get **54.9300, -20.6715, 3.5694**, and if you desaturate by 10%, it is **56.2980, -15.4299, 2.3697**.

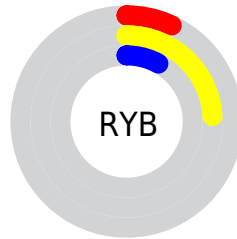
Distribution



Red (23%)

Green (24%)

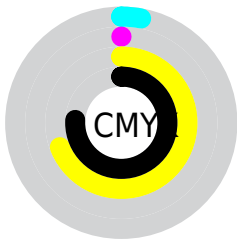
Blue (7%)



Red (7%)

Yellow (24%)

Blue (8%)

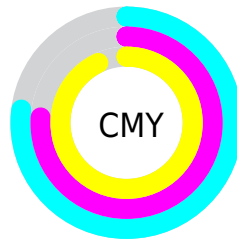


Cyan (3%)

Magenta (0%)

Yellow (69%)

Black (76%)



Cyan (77%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6140, -18.0507, 2.9695 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 55.6140, -18.0507, 2.9695 by changing the saturation by 10% instead.

■ 55.6140, -18.0507,
2.9695

■ 55.6140, -18.0507,
2.9695

■ 254.2020, -3.0576,
0.6998

■ 34.2550, -16.8877,
3.2844

■ 102.9840,
-19.2191, 4.3990

■ 13.2460, -6.5303,
-5.4777

■ 127.7560,
-20.0927, 4.5990

■ 0.0000, 0.0000,
0.0000

■ 154.5280,
-20.9663, 4.7989


■ 181.4140,
-21.4031, 4.8989


■ 208.5990,
-21.9873, 5.6137


■ 237.3710,


-22.8609, 5.8136


 250.8960,
-15.7247, 3.5992


 55.6140, -18.0507,
2.9695


 55.6140, -18.0507,
2.9695


 54.9300, -20.6715,
3.5694


 56.2980, -15.4299,
2.3697


 53.9470, -23.1449,
3.5545


 57.2810, -12.9565,
2.3846

 53.2630, -25.7657,
4.1543

 57.9650, -10.3357,
1.7847

 53.1490, -26.2025,
4.2543

 58.6490, -7.7150,
1.1848

 59.3330, -5.0942,
0.5850

■ 60.4300, -2.1840,
0.4999

■ 61.1140, 0.4368,
-0.1000

■ 61.7980, 3.0576,
-0.6998

■ 62.7810, 5.5310,
-0.6849

Harmonies

Analogous

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



57.4740, -18.9677, 17.1243



55.6140, -18.0507, 2.9695



52.4530, -10.5763, -14.4293

Triad

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



55.6140, -18.0507, 2.9695



49.2470, 18.6122, -43.1896



59.9030, 3.9918, 26.3951

Complementary

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



55.6140, -18.0507, 2.9695



24.3860, 18.0507, -2.9695

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.



60.6930, 12.4764, 11.6702



55.6140, -18.0507, 2.9695



48.0390, 24.1378, -42.1302

Square

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



55.6140, -18.0507, 2.9695



47.7820, 10.4605, -41.9048



57.8580, 18.8040, -11.2765



58.5310, -5.1918, 31.9833

Rectangle

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



55.6140, -18.0507, 2.9695



48.4170, -2.6706, -30.1837



57.8580, 18.8040, -11.2765



59.9780, 6.9128, 22.8213

Sweetspot

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



55.6140, -18.0507, 2.9695



76.7630, -7.2782, 1.0848



32.1450, -6.4805, 25.3058



39.5610, -4.2206, 0.3850



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



55.6140, -18.0507, 2.9695



70.5790, -28.3864, 4.7542



49.6340, -15.1026, -9.3260



30.3590, -1.1630, -0.3148



82.0880, -40.4694, 6.9388



193.4030, -95.3477, 15.4326

Inverse Universe

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



24.3860, 18.0507, -2.9695



21.7200, 28.2390, -4.1394



30.3660, 15.1026, 9.3260



28.3420, 1.3104, -0.2999



11.9120, 40.4694, -6.9388



28.5970, 95.3477, -15.4326

Previews

White Background



This preview shows how the YUV color 55.6140, -18.0507, 2.9695 looks on a white background.

Color Contrast Check

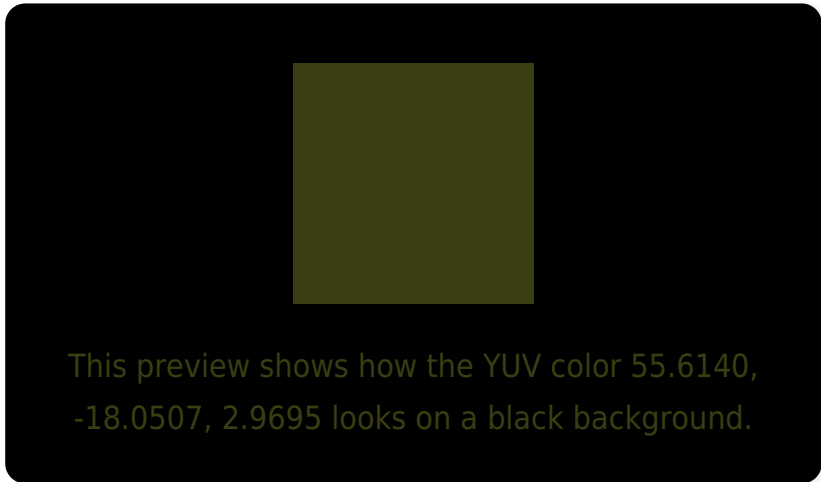
Large Text (above 18pt) WCAG AA ✓ Pass

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

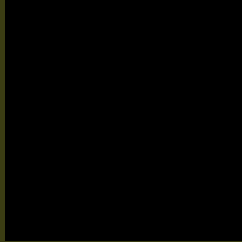
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6140, -18.0507, 2.9695

Background



This preview shows how black text looks on a background with the YUV color 55.6140, -18.0507, 2.9695.



This preview shows how white text looks on a background with the YUV color 55.6140, -18.0507,

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

55.6140, -18.0507, 2.9695

Protanopia

56.4190, -18.9406, 8.4025

Deuteranopia

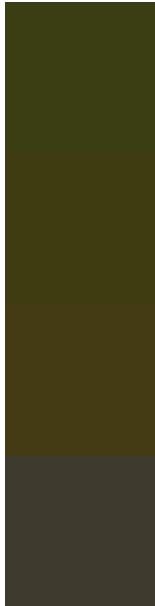
57.0930, -17.7938, 13.9504



Tritanopia

59.2500, 0.8628, 3.2888

Trichromacy



Original Color

55.6140, -18.0507, 2.9695

Protanomaly

56.1090, -18.7877, 6.0434

Deuteranomaly

56.6580, -18.0724, 9.9469

Tritanomaly

57.8280, -5.8312, 3.6588

Monochromacy



Original Color

55.6140, -18.0507, 2.9695

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.9910, -6.4046, 0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6140, -18.0507, 2.9695 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(59, 61, 19)` looks like.

```
.text, #text, p{  
    color:rgb(59, 61, 19)  
}
```

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(59, 61, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 61, 19) }
```

Border

The CSS property to change the border of an element to YUV 55.6140, -18.0507, 2.9695 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(59, 61, 19) }
```


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

```
.border{ border-color:rgb(59, 61, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 61, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 61, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 61, 19);  
box-shadow:4px 4px 4px 4px rgb(59, 61, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.6140, -18.0507, 2.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 61, 19) }
```

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

```
.background{ background-color: rgb(59, 61,  
19) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor