

Converting Colors

YUV(112.7460, -18.6088,
-51.5202)

Have a look what the booklet for
YUV(112.7460, -18.6088, -51.5202)
contains.

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Color

**YUV(112.7460, -18.6088,
-51.5202)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 36964B |
| RGB | 54, 150, 75 |
| RGB Percent | 21%, 59%, 29% |
| CMY | 0.7882, 0.4118, 0.7059 |
| CMYK | 0.64, 0.00, 0.50, 0.41 |
| HSL | 133°, 47%, 40% |
| HSV | 133°, 64%, 59% |
| XYZ | 13.6977, 23.1050, 10.3944 |
| YIQ | 112.7460, -33.1410, -43.6770 |

Conversions

Conversions Part 2

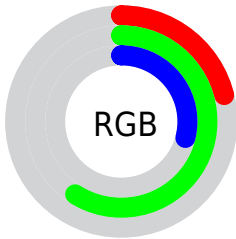
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 54, 133, 150 |
| Decimal | 3577419 |
| CIELab | 55.18, -44.67, 31.32 |
| CIELCh | 55, 54.553, 144.964 |
| Yxy | 23.1050, 0.2902, 0.4895 |
| Android (android.graphics.Color) | 4281767499 (0xFF36964B) |
| YUV | 112.7460, -18.6088, -51.5202 |
| Hunter-Lab | 48.0676, -33.2518, 20.8262 |

Details

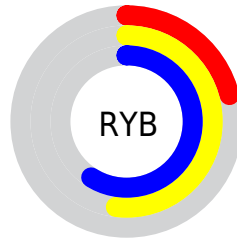
The YUV color **112.7460, -18.6088, -51.5202** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **91.2540, 18.6088, 51.5202**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7740, -21.0876, -49.7908**, and **60.7180, -16.1300, -53.2497** is the 20% darker color. If you saturate the color by 10%, you get **106.8930, -21.6392, -59.5422**, and if you desaturate by 10%, it is **118.5990, -15.5783, -43.4983**.

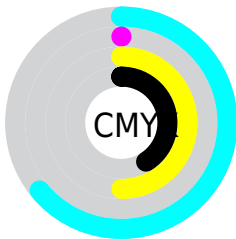
Distribution



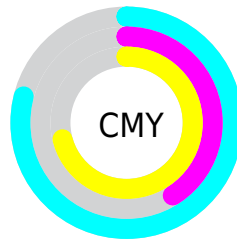
- Red (21%)
- Green (59%)
- Blue (29%)



- Red (21%)
- Yellow (52%)
- Blue (59%)



- Cyan (64%)
- Magenta (0%)
- Yellow (50%)
- Black (41%)



- Cyan (79%)
- Magenta (41%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7460, -18.6088, -51.5202 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 112.7460, -18.6088, -51.5202 by changing the saturation by 10% instead.

■ 112.7460,
-18.6088, -51.5202

■ 112.7460,
-18.6088, -51.5202

255.0000, 0.0000,
0.0000

■ 83.6850, -16.1137,
-58.4827

■ 167.7740,
-21.0876, -49.7908

■ 60.7180, -16.1300,
-53.2497

■ 196.2470,
-21.8138, -50.2056

■ 43.1930, -19.8151,
-37.8803

■ 220.0240,
-20.2248, -46.5020

■ 29.3500, -14.4695,
-25.7399

■ 231.7730,
-12.7061, -31.3729

■ 15.8490, -7.8136,
-13.8996

■ 243.7500, -4.3137,
-16.4437

■ 0.0000, 0.0000,
0.0000

■ 112.7460,
-18.6088, -51.5202

■ 112.7460,
-18.6088, -51.5202

■ 106.8930,
-21.6392, -59.5422

■ 118.5990,
-15.5783, -43.4983

■ 101.1540,
-24.2329, -67.6641

■ 124.3380,
-12.9846, -35.3764

■ 95.3010, -27.2634,
-75.6860

■ 130.1910, -9.9542,
-27.3545

■ 91.8120, -28.9943,
-80.5191

■ 136.0440, -6.9237,
-19.3326

■ 141.8970, -3.8932,
-11.3107

■ 147.6360, -1.2995,
-3.1888

■ 153.4890, 1.7309,
4.8331

■ 159.3420, 4.7614,

12.8551

■ 165.0810, 7.3551,
20.9770

Harmonies

Analogous

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



122.3810, -41.5998, -3.8421



112.7460, -18.6088, -51.5202



104.3060, 8.7231, -91.4764

Triad

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



112.7460, -18.6088, -51.5202



107.9440, 58.2016, -94.6669



129.7170, -17.1155, 76.5472

Complementary

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



112.7460, -18.6088, -51.5202



91.2540, 18.6088, 51.5202

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.



131.5310, 5.1612, 71.4483



112.7460, -18.6088, -51.5202



132.3350, 42.2328, -12.5718

Square

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



112.7460, -18.6088, -51.5202



111.8760, 47.8821, -98.1153



135.6100, 25.3353, 40.6840



128.8680, -36.4169, 60.6288

Rectangle

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



112.7460, -18.6088, -51.5202



108.6550, 22.8481, -95.2904



135.6100, 25.3353, 40.6840



129.3780, -9.5534, 77.7215

Sweetspot

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



112.7460, -18.6088, -51.5202



179.6310, -7.2131, -19.8474



132.7770, -38.8371, -3.3124



88.3700, -4.6194, -11.7255



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



112.7460, -18.6088, -51.5202



136.1110, -29.1417, -79.9043



118.2180, 2.3575, -56.3192



71.2230, -1.5889, -3.7036



84.4260, -26.8320, -74.0416



6.0980, -2.0203, -5.3479

Inverse Universe

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



91.2540, 18.6088, 51.5202



102.7750, 28.7049, 80.0043



85.7820, -2.3575, 56.3192



69.6630, 1.1521, 3.8035



53.5740, 26.8320, 74.0416



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 112.7460, -18.6088, -51.5202 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.7460, -18.6088, -51.5202 looks on a black 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 × Fail

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

YUV 112.7460, -18.6088, -51.5202 Background



This preview shows how black text looks on a background with the YUV color 112.7460, -18.6088, -51.5202.



This preview shows how white text looks on a background with the YUV color 112.7460, -18.6088, -51.5202.

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

112.7460, -18.6088, -51.5202

Protanopia

128.1180, -29.1452, 14.8055

Deuteranopia

130.1500, -24.2310, 25.3014



Tritanopia

122.9330, 14.8230, -41.1602

Trichromacy



Original Color

112.7460, -18.6088, -51.5202

Protanomaly

122.5880, -25.4329, -9.2857

Deuteranomaly

123.8430, -22.1076, -2.4933

Tritanomaly

119.1100, 2.9038, -44.8235

Monochromacy



Original Color

112.7460, -18.6088, -51.5202

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7560, -6.7817, -18.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7460, -18.6088, -51.5202 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(54, 150, 75)` looks like.

```
.text, #text, p{  
    color:rgb(54, 150, 75)  
}
```

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(54, 150, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 150, 75) }
```

Border

The CSS property to change the border of an element to YUV 112.7460, -18.6088, -51.5202 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(54, 150, 75) }
```


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

```
.border{ border-color:rgb(54, 150, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 150, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 150, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 150, 75);  
box-shadow:4px 4px 4px 4px rgb(54, 150,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 112.7460, -18.6088, -51.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 150, 75) }
```

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

```
.background{ background-color: rgb(54, 150,  
75) }
```

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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