

Converting Colors

YUV(117.9050, 30.6128,
-65.6917)

Have a look what the booklet for
YUV(117.9050, 30.6128, -65.6917)
contains.

YUV(117.9050, 30.6128, -65.6917)	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(117.9050, 30.6128,
-65.6917)**

Conversions

Conversions Part 1

Format	Color
Hex	2B90B4
RGB	43, 144, 180
RGB Percent	17%, 56%, 71%
CMY	0.8314, 0.4353, 0.2941
CMYK	0.76, 0.20, 0.00, 0.29
HSL	196°, 61%, 44%
HSV	196°, 76%, 71%
XYZ	19.2077, 23.7554, 46.7529
YIQ	117.9050, -71.7520, -10.2160

Conversions

Conversions Part 2

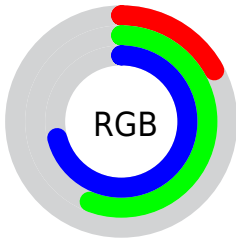
Format	Color
RYB	43, 101, 180
Decimal	2855092
CIELab	55.84, -16.25, -27.02
CIELCh	56, 31.529, 238.978
Yxy	23.7554, 0.2141, 0.2648
Android (android.graphics.Color)	4281045172 (0xFF2B90B4)
YUV	117.9050, 30.6128, -65.6917
Hunter-Lab	48.7395, -14.9491, -22.7557

Details

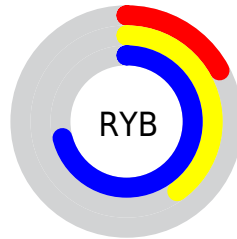
The YUV color **117.9050, 30.6128, -65.6917** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **105.0950, -30.6128, 65.6917**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7210, 29.7175, -58.5143**, and **69.6560, 28.2706, -61.0883** is the 20% darker color. If you saturate the color by 10%, you get **109.5880, 34.7131, -74.1837**, and if you desaturate by 10%, it is **126.2220, 26.5126, -57.1997**.

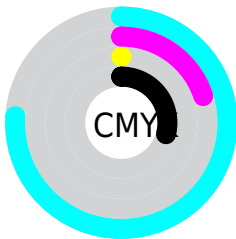
Distribution



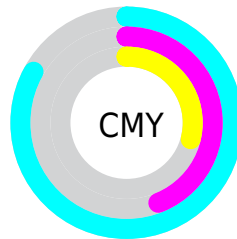
- Red (17%)
- Green (56%)
- Blue (71%)



- Red (17%)
- Yellow (40%)
- Blue (71%)



- Cyan (76%)
- Magenta (20%)
- Yellow (0%)
- Black (29%)



- Cyan (83%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9050, 30.6128, -65.6917 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 117.9050, 30.6128, -65.6917 by changing the saturation by 10% instead.

■ 117.9050, 30.6128,
-65.6917

■ 117.9050, 30.6128,
-65.6917

■ 255.0000, 0.0000,
0.0000

■ 86.7080, 32.6820,
-76.0429

■ 175.7210, 29.7175,
-58.5143

■ 69.6560, 28.2706,
-61.0883

■ 203.2930, 25.4916,
-56.3850

■ 52.7180, 24.2960,
-46.2337

■ 228.9870, 12.8244,
-53.4856

■ 36.4810, 20.4689,
-31.9938

■ 237.9570, 8.4022,
-35.0423

■ 22.7060, 15.9209,
-19.9132

■ 246.6280, 4.1274,
-17.2138

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 117.9050, 30.6128,
-65.6917

■ 117.9050, 30.6128,
-65.6917

■ 109.5880, 34.7131,
-74.1837

■ 126.2220, 26.5126,
-57.1997

■ 101.8580, 38.5240,
-83.1905

■ 133.9520, 22.7017,
-48.1929

■ 98.5910, 40.1346,
-86.4643

■ 142.2690, 18.6014,
-39.7009

■ 150.5860, 14.5011,
-31.2089

■ 158.9030, 10.4008,
-22.7169

■ 166.6330, 6.5899,
-13.7101

■ 174.9500, 2.4896,
-5.2182

■ 183.2670, -1.6106,
3.2738

■ 191.5840, -5.7109,
11.7658

Harmonies

Analogous

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



109.7860, 24.2625, -82.2503



117.9050, 30.6128, -65.6917



129.3590, 28.9100, -32.7638

Triad

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



117.9050, 30.6128, -65.6917



137.1500, -0.5670, 41.9644



128.9460, -21.6654, -4.3376

Complementary

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



117.9050, 30.6128, -65.6917



105.0950, -30.6128, 65.6917

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.



132.2370, -26.2458, 18.2092



117.9050, 30.6128, -65.6917



135.5450, -13.0867, 44.2490

Square

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



117.9050, 30.6128, -65.6917



137.6670, 11.9962, 25.7250



133.9710, -22.6637, 35.9824



125.1800, -9.9487, -29.0989

Rectangle

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



117.9050, 30.6128, -65.6917



133.8780, 25.2031, -10.4170



133.9710, -22.6637, 35.9824



130.3060, -24.3079, 3.2396

Sweetspot

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



117.9050, 30.6128, -65.6917



210.0490, 12.3008, -25.4760



127.2950, -24.7954, -73.9267



102.4370, 7.1796, -16.1692



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



117.9050, 30.6128, -65.6917



138.1420, 47.7510, -102.7335



78.5760, 50.0020, -31.2002



85.1350, 1.9054, -4.5034



83.7730, 34.1289, -73.4689



14.1170, 5.8583, -12.3806

Inverse Universe

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



95.4770, 23.9218, 74.1267



102.9980, 37.4690, 115.7658



144.4240, -50.0020, 31.2002



83.4890, 1.7309, 4.8331



58.6290, 26.8049, 82.7634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 117.9050, 30.6128, -65.6917 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 117.9050, 30.6128, -65.6917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

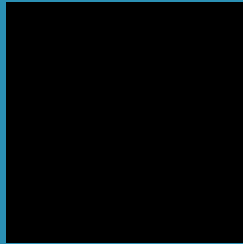
Any Text WCAG AA ✓ Pass

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 117.9050, 30.6128, -65.6917 Background



This preview shows how black text looks on a background with the YUV color 117.9050, 30.6128, -65.6917.

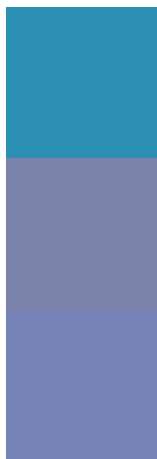


This preview shows how white text looks on a background with the YUV color 117.9050, 30.6128, -65.6917.

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

117.9050, 30.6128, -65.6917

Protanopia

133.1680, 18.6512, -8.9173

Deuteranopia

132.7420, 24.7772, -13.8057



Tritanopia

111.3950, 23.9623, -79.2764

Trichromacy



Original Color

117.9050, 30.6128, -65.6917

Protanomaly

127.7740, 22.7894, -29.6198

Deuteranomaly

127.4900, 26.8734, -32.8787

Tritanomaly

113.9980, 26.1300, -74.5432

Monochromacy



Original Color

117.9050, 30.6128, -65.6917

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8320, 11.4218, -23.5317

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9050, 30.6128, -65.6917 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(43, 144, 180)` looks like.

```
.text, #text, p{  
    color:rgb(43, 144, 180)  
}
```

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(43, 144, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 144, 180) }
```

Border

The CSS property to change the border of an element to YUV 117.9050, 30.6128, -65.6917 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(43, 144, 180) }
```


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

```
.border{ border-color:rgb(43, 144, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 144, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 144, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 144, 180);  
box-shadow:4px 4px 4px 4px rgb(43, 144,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 117.9050, 30.6128, -65.6917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 144, 180) }
```

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

```
.background{ background-color: rgb(43, 144,  
180) }
```

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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