

Converting Colors

YUV(110.0360, 28.5763,
-65.8066)

Have a look what the booklet for
YUV(110.0360, 28.5763, -65.8066)
contains.

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Color

**YUV(110.0360, 28.5763,
-65.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	2389A8
RGB	35, 137, 168
RGB Percent	14%, 54%, 66%
CMY	0.8627, 0.4627, 0.3412
CMYK	0.79, 0.18, 0.00, 0.34
HSL	194°, 66%, 40%
HSV	194°, 79%, 66%
XYZ	16.7067, 21.0758, 40.2333
YIQ	110.0360, -70.7430, -11.9830

Conversions

Conversions Part 2

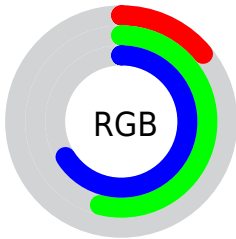
Format	Color
R_{YB}	35, 93, 168
Decimal	2329000
CIE _{Lab}	53.03, -17.47, -24.50
CIE _{LCh}	53, 30.088, 234.505
Yxy	21.0758, 0.2141, 0.2701
Android (android.graphics.Color)	4280519080 (0xFF2389A8)
YUV	110.0360, 28.5763, -65.8066
Hunter-Lab	45.9084, -15.3811, -19.8248

Details

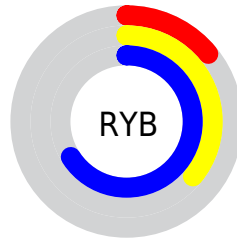
The YUV color **110.0360, 28.5763, -65.8066** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **92.9640, -28.5763, 65.8066**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4500, 27.3862, -57.3996**, and **64.2930, 25.4916, -56.3850** is the 20% darker color. If you saturate the color by 10%, you get **102.6050, 32.2397, -74.1986**, and if you desaturate by 10%, it is **117.4670, 24.9128, -57.4146**.

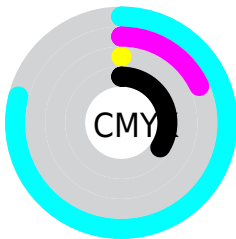
Distribution



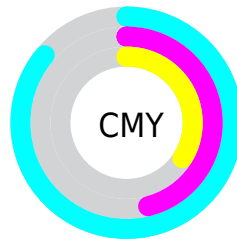
- Red (14%)
- Green (54%)
- Blue (66%)



- Red (14%)
- Yellow (36%)
- Blue (66%)



- Cyan (79%)
- Magenta (18%)
- Yellow (0%)
- Black (34%)



- Cyan (86%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.0360, 28.5763, -65.8066 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 110.0360, 28.5763, -65.8066 by changing the saturation by 10% instead.

■ 110.0360, 28.5763,
-65.8066

■ 110.0360, 28.5763,
-65.8066

■ 255.0000, 0.0000,
0.0000

■ 81.9320, 29.6135,
-71.8544

■ 167.4500, 27.3862,
-57.3996

■ 64.2930, 25.4916,
-56.3850

■ 196.1620, 27.5281,
-56.2701

■ 47.9420, 21.2276,
-42.0451

■ 222.1980, 16.1714,
-53.6706

■ 31.7050, 17.4004,
-27.8053

■ 235.5650, 9.5815,
-39.9605

■ 17.4570, 13.5787,
-15.3098

■ 244.5350, 5.1592,
-21.5172

■ 3.3230, 10.1938,
-2.9143

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 110.0360, 28.5763,
-65.8066

■ 110.0360, 28.5763,
-65.8066

■ 102.6050, 32.2397,
-74.1986

■ 117.4670, 24.9128,
-57.4146

■ 95.1740, 35.9032,
-82.5906

■ 124.8980, 21.2493,
-49.0225

■ 94.8750, 36.0506,
-83.2054

■ 132.0300, 17.7332,
-41.2453

■ 139.4610, 14.0697,
-32.8533

■ 146.8920, 10.4062,
-24.4613

■ 153.7360, 7.0322,
-15.5545

■ 161.1670, 3.3687,
-7.1625

■ 168.2990, -0.1474,
0.6148

■ 175.7300, -3.8109,
9.0068

Harmonies

Analogous

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



105.2170, 20.5990, -73.8583



110.0360, 28.5763, -65.8066



121.4080, 27.8999, -35.4378

Triad

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



110.0360, 28.5763, -65.8066



129.5840, 1.1911, 38.0758



122.9680, -21.6762, -0.8489

Complementary

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



110.0360, 28.5763, -65.8066



92.9640, -28.5763, 65.8066

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.



125.0030, -24.6515, 20.1684



110.0360, 28.5763, -65.8066



128.4030, -11.0447, 42.6196

Square

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



110.0360, 28.5763, -65.8066



130.5740, 13.0280, 21.4216



126.8400, -20.6271, 36.0973



118.8710, -11.2754, -23.5659

Rectangle

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



110.0360, 28.5763, -65.8066



126.3290, 24.4878, -14.3205



126.8400, -20.6271, 36.0973



123.5560, -23.4451, 6.5284

Sweetspot

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



110.0360, 28.5763, -65.8066



196.4080, 11.1379, -25.7908



116.3770, -25.8219, -71.3676



95.7360, 7.0322, -15.5545



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



110.0360, 28.5763, -65.8066



128.6320, 44.5514, -103.1633



72.4680, 47.0973, -32.8594



80.4340, 1.7580, -3.8886



83.2030, 31.9449, -72.9690



11.6720, 4.1057, -10.2363

Inverse Universe

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



86.3950, 24.9483, 71.5676



91.4320, 39.2270, 111.8771



130.5320, -47.0973, 32.8594



79.0760, 1.4415, 4.3183



57.1340, 27.5419, 79.6895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 110.0360, 28.5763, -65.8066 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 110.0360, 28.5763, -65.8066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

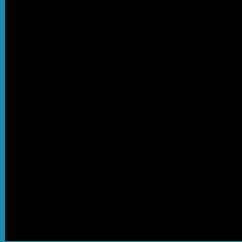
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.0360, 28.5763, -65.8066

Background



This preview shows how black text looks on a background with the YUV color 110.0360, 28.5763, -65.8066.

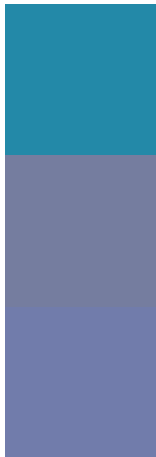


This preview shows how white text looks on a background with the YUV color 110.0360, 28.5763, -65.8066.

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

110.0360, 28.5763, -65.8066

Protanopia

126.4840, 16.0304, -8.3175

Deuteranopia

126.0690, 22.1510, -11.4615



Tritanopia

102.0850, 24.1151, -81.6355

Trichromacy



Original Color

110.0360, 28.5763, -65.8066

Protanomaly

120.2040, 20.6054, -29.1199

Deuteranomaly

120.5180, 24.3946, -31.1493

Tritanomaly

104.8730, 25.6986, -76.1876

Monochromacy



Original Color

110.0360, 28.5763, -65.8066

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1910, 10.2588, -23.8465

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.0360, 28.5763, -65.8066 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(35, 137, 168)` looks like.

```
.text, #text, p{  
    color:rgb(35, 137, 168)  
}
```

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(35, 137, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 137, 168) }
```

Border

The CSS property to change the border of an element to YUV 110.0360, 28.5763, -65.8066 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(35, 137, 168) }
```


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

```
.border{ border-color:rgb(35, 137, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 137, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 137, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 137, 168);  
box-shadow:4px 4px 4px 4px rgb(35, 137,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 110.0360, 28.5763, -65.8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 137, 168) }
```

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

```
.background{ background-color: rgb(35, 137,  
168) }
```

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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