

Converting Colors

YUV(102.8560, 51.8360,
-59.5097)

Have a look what the booklet for
YUV(102.8560, 51.8360, -59.5097)
contains.

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Color

**YUV(102.8560, 51.8360,
-59.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	2375D0
RGB	35, 117, 208
RGB Percent	14%, 46%, 82%
CMY	0.8627, 0.5412, 0.1843
CMYK	0.83, 0.44, 0.00, 0.18
HSL	212°, 71%, 48%
HSV	212°, 83%, 82%
XYZ	18.4396, 17.6340, 62.1063
YIQ	102.8560, -78.0830, 10.9170

Conversions

Conversions Part 2

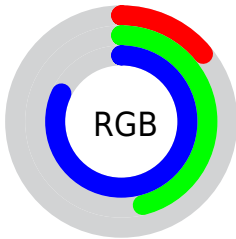
Format	Color
R_{YB}	35, 91, 208
Decimal	2323920
CIE _{Lab}	49.05, 9.07, -53.71
CIE _{LCh}	49, 54.471, 279.581
Yxy	17.6340, 0.1878, 0.1796
Android (android.graphics.Color)	4280514000 (0xFF2375D0)
YUV	102.8560, 51.8360, -59.5097
Hunter-Lab	41.9928, 4.8942, -58.2935

Details

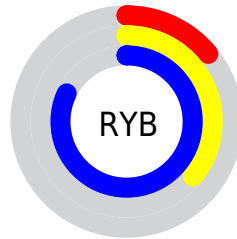
The YUV color **102.8560, 51.8360, -59.5097** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **140.1440, -51.8360, 59.5097**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1630, 46.2616, -44.8700**, and **58.5320, 46.5727, -51.3326** is the 20% darker color. If you saturate the color by 10%, you get **90.1200, 58.1148, -66.7572**, and if you desaturate by 10%, it is **115.5920, 45.5571, -52.2622**.

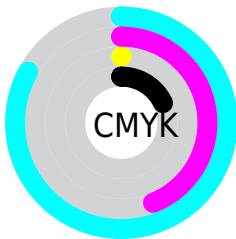
Distribution



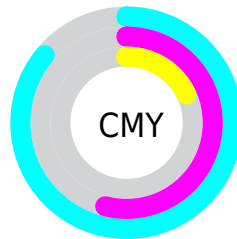
- Red (14%)
- Green (46%)
- Blue (82%)



- Red (14%)
- Yellow (36%)
- Blue (82%)



- Cyan (83%)
- Magenta (44%)
- Yellow (0%)
- Black (18%)



- Cyan (86%)
- Magenta (54%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.8560, 51.8360, -59.5097 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 102.8560, 51.8360, -59.5097 by changing the saturation by 10% instead.

■ 102.8560, 51.8360,
-59.5097

■ 102.8560, 51.8360,
-59.5097

■ 255.0000, 0.0000,
0.0000

■ 75.1110, 51.7103,
-65.8723

■ 161.1630, 46.2616,
-44.8700

■ 58.5320, 46.5727,
-51.3326

■ 186.2810, 33.8785,
-39.7114

■ 42.5400, 41.1458,
-37.3076

■ 211.1000, 21.6427,
-35.1677

■ 28.5370, 35.7243,
-25.0269

■ 237.0930, 8.8282,
-31.6536

■ 12.1860, 31.4603,
-10.6871

■ 248.1230, 3.3904,
-14.1399

■ 8.9770, 21.7033,
-7.8728

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 102.8560, 51.8360,
-59.5097

■ 102.8560, 51.8360,
-59.5097

■ 90.1200, 58.1148,
-66.7572

■ 115.5920, 45.5571,
-52.2622

■ 81.8250, 62.2043,
-71.7605

■ 128.3280, 39.2783,
-45.0147

■ 140.7650, 33.1469,
-38.3819

■ 153.5010, 26.8680,
-31.1344

■ 166.2370, 20.5892,
-23.8868

■ 178.9730, 14.3103,
-16.6393

■ 191.7090, 8.0315,
-9.3918

■ 204.1460, 1.9000,
-2.7590

■ 216.2950, -4.0894,
5.0033

Harmonies

Analogous

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



99.4520, 51.0492, -87.2194



102.8560, 51.8360, -59.5097



119.9210, 33.5629, 14.9783

Triad

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



102.8560, 51.8360, -59.5097



112.6700, -25.9663, 68.6954



89.1800, -3.5397, -78.2109

Complementary

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



102.8560, 51.8360, -59.5097



140.1440, -51.8360, 59.5097

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.



103.1810, -31.6412, -24.7147



102.8560, 51.8360, -59.5097



112.3040, -44.5199, 46.2144

Square

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



102.8560, 51.8360, -59.5097



113.0340, -4.4538, 75.3922



107.9830, -51.2636, 15.8009



95.9400, 17.2846, -84.1394

Rectangle

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



102.8560, 51.8360, -59.5097



119.1330, 22.1194, 45.4874



107.9830, -51.2636, 15.8009



88.0790, -10.3919, -73.7373

Sweetspot

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



102.8560, 51.8360, -59.5097



215.9060, 19.2733, -21.8426



146.6970, -11.1896, -97.9583



104.0120, 11.8261, -13.1655



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



102.8560, 51.8360, -59.5097



100.0970, 76.3672, -87.7851



55.6190, 75.1238, -15.4519



98.1890, 3.3578, -3.6738



66.1120, 50.2308, -57.9802



15.8270, 12.4103, -13.8803

Inverse Universe

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



96.0750, 10.3160, 98.1582



90.0390, 15.2638, 144.6708



187.3810, -75.1238, 15.4519



97.8590, 0.5625, 6.2627



59.3520, 10.1795, 95.2843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 102.8560, 51.8360, -59.5097 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 × Fail

Black Background



This preview shows how the YUV color 102.8560, 51.8360, -59.5097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

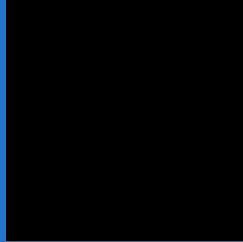
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 102.8560, 51.8360, -59.5097

Background



This preview shows how black text looks on a background with the YUV color 102.8560, 51.8360, -59.5097.



This preview shows how white text looks on a background with the YUV color 102.8560, 51.8360, -59.5097.

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

102.8560, 51.8360, -59.5097

Protanopia

111.7130, 45.4975, -33.0743

Deuteranopia

99.5560, 53.4629, -68.0166



Tritanopia

91.4550, 22.9467, -80.2060

Trichromacy



Original Color

102.8560, 51.8360, -59.5097

Protanomaly

108.2280, 47.7086, -42.2960

Deuteranomaly

101.0510, 52.7259, -64.9427

Tritanomaly

95.8440, 33.1079, -72.6542

Monochromacy



Original Color

102.8560, 51.8360, -59.5097

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.7920, 18.8365, -21.7426

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8560, 51.8360, -59.5097 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, 117, 208)` looks like.

```
.text, #text, p{  
    color:rgb(35, 117, 208)  
}
```

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, 117, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 117, 208) }
```

Border

The CSS property to change the border of an element to YUV 102.8560, 51.8360, -59.5097 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, 117, 208) }
```


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

```
.border{ border-color:rgb(35, 117, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 117, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 117, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 117, 208);  
box-shadow:4px 4px 4px 4px rgb(35, 117,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 102.8560, 51.8360, -59.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 117, 208) }
```

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

```
.background{ background-color: rgb(35, 117,  
208) }
```

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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