

Converting Colors

YUV(120.0110, 43.3786,
-53.5066)

Have a look what the booklet for
YUV(120.0110, 43.3786, -53.5066)
contains.

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Color

**YUV(120.0110, 43.3786,
-53.5066)**

Conversions

Conversions Part 1

Format	Color
Hex	3B86D0
RGB	59, 134, 208
RGB Percent	23%, 53%, 82%
CMY	0.7686, 0.4745, 0.1843
CMYK	0.72, 0.36, 0.00, 0.18
HSL	210°, 61%, 52%
HSV	210°, 72%, 82%
XYZ	21.7139, 22.5341, 62.8796
YIQ	120.0110, -68.4540, 7.1140

Conversions

Conversions Part 2

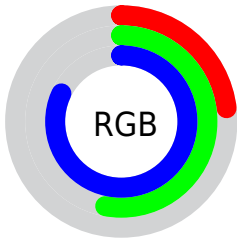
Format	Color
R_{YB}	59, 109, 208
Decimal	3901136
CIE _{Lab}	54.59, 1.39, -44.85
CIE _{LCh}	55, 44.867, 271.782
Yxy	22.5341, 0.2027, 0.2103
Android (android.graphics.Color)	4282091216 (0xFF3B86D0)
YUV	120.0110, 43.3786, -53.5066
Hunter-Lab	47.4701, -1.4226, -45.3074

Details

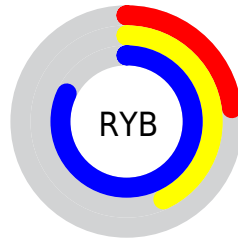
The YUV color `120.0110, 43.3786, -53.5066` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `146.9890, -43.3786, 53.5066`, and the grayscale version is `120.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `175.6160, 39.1363, -46.1442`, and `67.3370, 42.2319, -59.0545` is the 20% darker color. If you saturate the color by 10%, you get `107.8620, 49.3680, -61.2690`, and if you desaturate by 10%, it is `132.1600, 37.3891, -45.7443`.

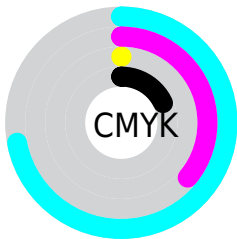
Distribution



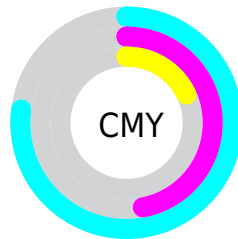
- Red (23%)
- Green (53%)
- Blue (82%)



- Red (23%)
- Yellow (43%)
- Blue (82%)



- Cyan (72%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)



- Cyan (77%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0110, 43.3786, -53.5066 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 120.0110, 43.3786, -53.5066 by changing the saturation by 10% instead.

■ 120.0110, 43.3786,
-53.5066

■ 120.0110, 43.3786,
-53.5066

■ 255.0000, 0.0000,
0.0000

■ 85.4000, 46.6378,
-72.2648

■ 175.6160, 39.1363,
-46.1442

■ 67.3370, 42.2319,
-59.0545

■ 200.4350, 26.9005,
-41.6005

■ 50.8720, 37.5311,
-44.6147

■ 226.4280, 14.0860,
-38.0864

■ 35.5810, 32.2516,
-31.2045

■ 242.4420, 6.1911,
-25.8206

■ 21.1050, 27.5562,
-18.5091

■ 251.4120, 1.7689,
-7.3773

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 120.0110, 43.3786,
-53.5066

■ 120.0110, 43.3786,
-53.5066

■ 107.8620, 49.3680,
-61.2690

■ 132.1600, 37.3891,
-45.7443

■ 95.1260, 55.6469,
-68.5165

■ 144.8960, 31.1103,
-38.4968

■ 85.3470, 60.4679,
-74.8493

■ 156.7460, 25.2682,
-31.3492

■ 168.8950, 19.2788,
-23.5869

■ 181.6310, 12.9999,
-16.3394

■ 193.7800, 7.0105,
-8.5771

■ 205.9290, 1.0210,
-0.8147

■ 218.3660, -5.1104,
5.8180

■ 230.5150,
-11.0999, 13.5803

Harmonies

Analogous

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



107.1000, 44.8137, -93.9267



120.0110, 43.3786, -53.5066



132.9750, 31.5643, 2.6529

Triad

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



120.0110, 43.3786, -53.5066



130.1620, -18.8139, 61.2479



114.1190, -10.9047, -49.2164

Complementary

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



120.0110, 43.3786, -53.5066



146.9890, -43.3786, 53.5066

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.



122.3230, -30.2322, -9.9303



120.0110, 43.3786, -53.5066



128.9910, -33.0266, 46.4889

Square

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



120.0110, 43.3786, -53.5066



131.8580, -0.9160, 60.6375



126.4580, -38.1868, 21.5233



103.0980, 14.2487, -90.4169

Rectangle

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



120.0110, 43.3786, -53.5066



134.6210, 21.8788, 29.2734



126.4580, -38.1868, 21.5233



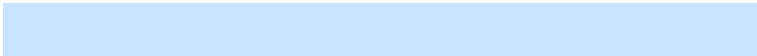
117.6710, -18.0788, -34.7915

Sweetspot

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



120.0110, 43.3786, -53.5066



223.0050, 15.7735, -19.2984



154.6710, -11.6698, -83.9035



109.0400, 9.3473, -11.4361



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.



120.0110, 43.3786, -53.5066



125.5360, 63.8258, -78.5231



77.1600, 64.5041, -15.9263



98.1890, 3.3578, -3.6738



69.0470, 48.7838, -60.5542



17.0010, 11.8315, -14.9099

Inverse Universe

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



112.1010, 10.7962, 84.1034



114.0210, 15.7656, 123.6386



189.8400, -64.5041, 15.9263



97.8590, 0.5625, 6.2627



59.9220, 12.3635, 94.7844



14.6530, 3.1291, 23.1063

Previews

White Background



This preview shows how the YUV color 120.0110, 43.3786, -53.5066 looks on a white background.

Color Contrast Check

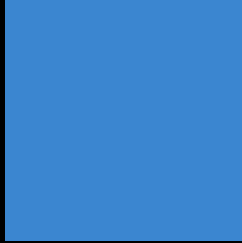
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.0110, 43.3786, -53.5066 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 120.0110, 43.3786, -53.5066 Background



This preview shows how black text looks on a background with the YUV color 120.0110, 43.3786, -53.5066.



This preview shows how white text looks on a background with the YUV color 120.0110, 43.3786, -53.5066.

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

120.0110, 43.3786, -53.5066

Protanopia

128.0750, 36.4450, -22.8678

Deuteranopia

124.9530, 41.4352, -36.7928



Tritanopia

102.3120, 26.4682, -89.7276

Trichromacy



Original Color

120.0110, 43.3786, -53.5066

Protanomaly

125.2800, 38.8090, -34.4486

Deuteranomaly

122.8490, 42.4724, -42.8406

Tritanomaly

108.4090, 32.8294, -76.6577

Monochromacy



Original Color

120.0110, 43.3786, -53.5066

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0050, 15.7735, -19.2984

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0110, 43.3786, -53.5066 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, 134, 208)` looks like.

```
.text, #text, p{  
    color:rgb(59, 134, 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(59, 134, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 134, 208) }
```

Border

The CSS property to change the border of an element to YUV 120.0110, 43.3786, -53.5066 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, 134, 208) }
```


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

```
.border{ border-color:rgb(59, 134, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 134, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 134, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 134, 208);  
box-shadow:4px 4px 4px 4px rgb(59, 134,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 120.0110, 43.3786, -53.5066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 134, 208) }
```

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

```
.background{ background-color: rgb(59, 134,  
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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