

Converting Colors

YUV(120.8180, 32.6277,
-58.5994)

Have a look what the booklet for
YUV(120.8180, 32.6277, -58.5994)
contains.

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Color

**YUV(120.8180, 32.6277,
-58.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	368EBB
RGB	54, 142, 187
RGB Percent	21%, 56%, 73%
CMY	0.7882, 0.4431, 0.2667
CMYK	0.71, 0.24, 0.00, 0.27
HSL	200°, 55%, 47%
HSV	200°, 71%, 73%
XYZ	20.1640, 23.7181, 50.5290
YIQ	120.8180, -66.8930, -4.6610

Conversions

Conversions Part 2

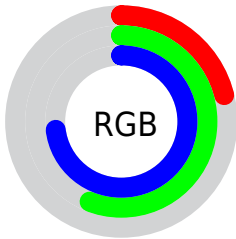
Format	Color
RYB	54, 107, 187
Decimal	3575483
CIELab	55.80, -11.30, -31.04
CIElCh	56, 33.033, 250.003
Yxy	23.7181, 0.2136, 0.2512
Android (android.graphics.Color)	4281765563 (0xFF368EBB)
YUV	120.8180, 32.6277, -58.5994
Hunter-Lab	48.7013, -11.3222, -27.4243

Details

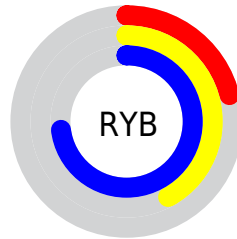
The YUV color **120.8180, 32.6277, -58.5994** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **120.1820, -32.6277, 58.5994**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7370, 32.1747, -53.2663**, and **69.2800, 31.9070, -60.7586** is the 20% darker color. If you saturate the color by 10%, you get **111.6150, 37.1648, -67.1914**, and if you desaturate by 10%, it is **130.0210, 28.0906, -50.0074**.

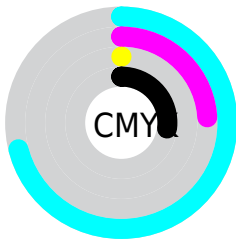
Distribution



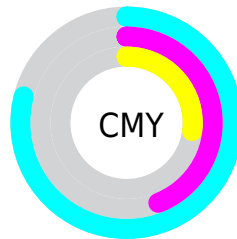
- Red (21%)
- Green (56%)
- Blue (73%)



- Red (21%)
- Yellow (42%)
- Blue (73%)



- Cyan (71%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (79%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8180, 32.6277, -58.5994 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 120.8180, 32.6277, -58.5994 by changing the saturation by 10% instead.

■ 120.8180, 32.6277,
-58.5994

■ 120.8180, 32.6277,
-58.5994

■ 255.0000, 0.0000,
0.0000

■ 86.3320, 36.3183,
-75.7132

■ 177.7370, 32.1747,
-53.2663

■ 69.2800, 31.9070,
-60.7586

■ 204.2120, 25.0385,
-51.0519

■ 52.2280, 27.4956,
-45.8040

■ 229.3190, 12.6607,
-47.6378

■ 36.5780, 23.3790,
-32.0789

■ 240.0500, 7.3704,
-30.7388

■ 22.1020, 18.6837,
-19.3835

■ 249.0200, 2.9481,
-12.2955

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 120.8180, 32.6277,
-58.5994

■ 120.8180, 32.6277,
-58.5994

■ 111.6150, 37.1648,
-67.1914

■ 130.0210, 28.0906,
-50.0074

■ 102.1240, 41.8439,
-74.6537

■ 139.5120, 23.4116,
-42.5450

■ 94.1060, 45.7967,
-82.5310

■ 148.7150, 18.8745,
-33.9531

■ 157.9180, 14.3374,
-25.3611

■ 167.4090, 9.6584,
-17.8987

■ 176.6120, 5.1213,
-9.3067

■ 185.8150, 0.5842,
-0.7148

■ 195.6050, -4.2423,
7.3624

■ 204.5090, -8.6319,
15.3396

Harmonies

Analogous

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



105.6690, 31.7152, -92.6717



120.8180, 32.6277, -58.5994



131.7240, 28.7301, -21.6829

Triad

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



120.8180, 32.6277, -58.5994



135.9180, -5.3826, 46.5529



127.5750, -19.0175, -13.6593

Complementary

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



120.8180, 32.6277, -58.5994



120.1820, -32.6277, 58.5994

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.



130.6660, -26.9503, 10.8169



120.8180, 32.6277, -58.5994



134.5790, -18.0334, 44.2192

Square

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



120.8180, 32.6277, -58.5994



137.3970, 8.1853, 34.7318



133.0260, -26.1418, 31.5492



121.5960, -4.2378, -40.8647

Rectangle

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



120.8180, 32.6277, -58.5994



135.7870, 23.2760, 1.0638



133.0260, -26.1418, 31.5492



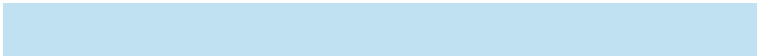
129.0060, -22.6810, -5.2673

Sweetspot

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



120.8180, 32.6277, -58.5994



216.7720, 12.4374, -22.6020



137.0870, -19.2699, -72.8673



107.1600, 7.3161, -13.2953



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



120.8180, 32.6277, -58.5994



139.9030, 50.3338, -91.1229



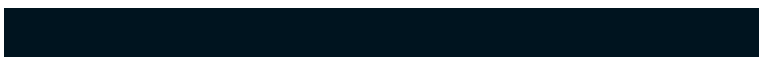
82.0760, 51.7275, -24.6227



89.5480, 2.1948, -3.9886



79.6470, 38.6280, -69.8504



15.2740, 7.7529, -13.3953

Inverse Universe

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



103.7990, 18.8331, 72.9673



113.2120, 29.4755, 112.9471



158.9240, -51.7275, 24.6227



88.3750, 1.2941, 4.9331



59.2120, 22.5735, 86.6371



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 120.8180, 32.6277, -58.5994 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 120.8180, 32.6277, -58.5994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

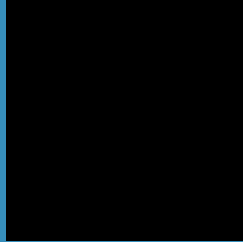
Any Text WCAG AA ✓ Pass

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 120.8180, 32.6277, -58.5994 Background



This preview shows how black text looks on a background with the YUV color 120.8180, 32.6277, -58.5994.



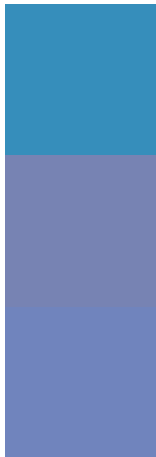
This preview shows how white text looks on a background with the YUV color 120.8180, 32.6277, -58.5994.

-58.5994.

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

120.8180, 32.6277, -58.5994

Protanopia

132.8840, 22.7352, -12.1763

Deuteranopia

132.5180, 27.8456, -17.9943



Tritanopia

114.2820, 22.0460, -71.2843

Trichromacy



Original Color

120.8180, 32.6277, -58.5994

Protanomaly

128.3980, 26.4258, -29.2900

Deuteranomaly

128.4730, 29.3468, -32.8638

Tritanomaly

116.6400, 25.8135, -66.3363

Monochromacy



Original Color

120.8180, 32.6277, -58.5994

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2560, 11.7058, -21.2725

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8180, 32.6277, -58.5994 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, 142, 187)` looks like.

```
.text, #text, p{  
    color:rgb(54, 142, 187)  
}
```

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, 142, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 142, 187) }
```

Border

The CSS property to change the border of an element to YUV 120.8180, 32.6277, -58.5994 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, 142, 187) }
```


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

```
.border{ border-color:rgb(54, 142, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 142, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 142, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 142, 187);  
box-shadow:4px 4px 4px 4px rgb(54, 142,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 120.8180, 32.6277, -58.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 142, 187) }
```

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

```
.background{ background-color: rgb(54, 142,  
187) }
```

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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