

Converting Colors

YUV(124.7960, 52.8516,
-58.5801)

Have a look what the booklet for
YUV(124.7960, 52.8516, -58.5801)
contains.

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Color

**YUV(124.7960, 52.8516,
-58.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	3A8AE8
RGB	58, 138, 232
RGB Percent	23%, 54%, 91%
CMY	0.7725, 0.4588, 0.0902
CMYK	0.75, 0.41, 0.00, 0.09
HSL	212°, 79%, 57%
HSV	212°, 75%, 91%
XYZ	25.3989, 24.9027, 79.8120
YIQ	124.7960, -77.8540, 12.2740

Conversions

Conversions Part 2

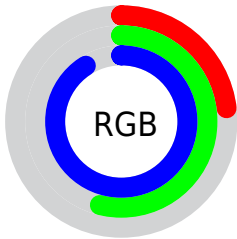
Format	Color
R_{YB}	58, 113, 232
Decimal	3836648
CIE _{Lab}	56.98, 7.48, -54.50
CIE _{LCh}	57, 55.012, 277.818
Yxy	24.9027, 0.1952, 0.1914
Android (android.graphics.Color)	4282026728 (0xFF3A8AE8)
YUV	124.7960, 52.8516, -58.5801
Hunter-Lab	49.9026, 3.5215, -59.8939

Details

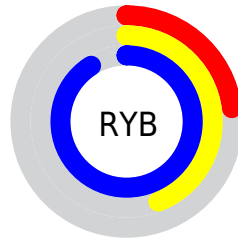
The YUV color **124.7960, 52.8516, -58.5801** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **165.2040, -52.8516, 58.5801**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1600, 37.3891, -45.7443**, and **72.3070, 51.1206, -63.4132** is the 20% darker color. If you saturate the color by 10%, you get **110.2880, 60.0040, -66.0276**, and if you desaturate by 10%, it is **139.3040, 45.6991, -51.1326**.

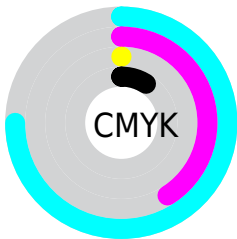
Distribution



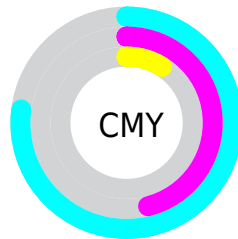
- Red (23%)
- Green (54%)
- Blue (91%)



- Red (23%)
- Yellow (44%)
- Blue (91%)



- Cyan (75%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)



- Cyan (77%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.7960, 52.8516, -58.5801 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 124.7960, 52.8516, -58.5801 by changing the saturation by 10% instead.

■ 124.7960, 52.8516,
-58.5801

■ 124.7960, 52.8516,
-58.5801

255.0000, 0.0000,
0.0000

■ 89.5870, 56.4056,
-78.5678

■ 179.1600, 37.3891,
-45.7443

■ 72.3070, 51.1206,
-63.4132

■ 204.8650, 24.7166,
-41.1006

■ 55.7280, 45.9831,
-48.8735

■ 230.5700, 12.0440,
-36.4569

■ 40.3230, 40.2668,
-35.3633

■ 244.2360, 5.3067,
-22.1320

■ 26.3200, 34.8452,
-23.0826

■ 253.5050, 0.7370,
-3.0739

■ 12.9040, 29.1343,
-11.3168

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 124.7960, 52.8516,
-58.5801

■ 124.7960, 52.8516,
-58.5801

■ 110.2880, 60.0040,
-66.0276

■ 139.3040, 45.6991,
-51.1326

■ 96.3670, 66.8671,
-73.9899

■ 153.2250, 38.8361,
-43.1703

■ 89.2570, 70.3723,
-78.2784

■ 168.0320, 31.5362,
-35.1081

■ 181.9530, 24.6732,
-27.1458

■ 196.4610, 17.5207,
-19.6983

■ 210.3820, 10.6577,
-11.7360

■ 224.8900, 3.5052,
-4.2885

■ 239.1100, -3.5052,
4.2885

■ 250.0300, -8.8888,
4.3587

Harmonies

Analogous

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



114.2870, 54.5815, -100.2297



124.7960, 52.8516, -58.5801



140.4800, 35.7524, 12.7340

Triad

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



124.7960, 52.8516, -58.5801



133.8770, -26.5614, 72.8989



103.4450, -2.1914, -90.7213

Complementary

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



124.7960, 52.8516, -58.5801



165.2040, -52.8516, 58.5801

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.



124.0350, -33.5413, -21.9557



124.7960, 52.8516, -58.5801



132.8530, -43.8045, 50.1179

Square

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



124.7960, 52.8516, -58.5801



135.3440, -4.6066, 77.7513



129.3900, -48.5063, 18.0750



110.7920, 18.3435, -97.1646

Rectangle

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



124.7960, 52.8516, -58.5801



140.5890, 23.8666, 45.0874



129.3900, -48.5063, 18.0750



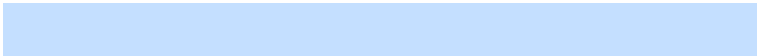
115.6850, -16.1137, -58.4827

Sweetspot

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



124.7960, 52.8516, -58.5801



218.5750, 17.9575, -19.7983



170.7400, -9.7318, -98.8730



105.4960, 11.0945, -11.8360



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.



124.7960, 52.8516, -58.5801



113.4420, 69.7881, -77.5636



79.6300, 75.1184, -13.7075



107.8900, 3.5052, -4.2885



68.5400, 54.4568, -60.1096



19.3150, 15.6207, -16.9393

Inverse Universe

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



119.1460, 9.2950, 98.9730



105.8540, 12.3970, 130.8010



210.3700, -75.1184, 13.7075



107.2720, 0.8519, 6.7775



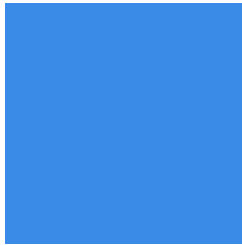
62.8690, 9.4316, 101.8469



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 124.7960, 52.8516, -58.5801 looks on a white background.

Color Contrast Check

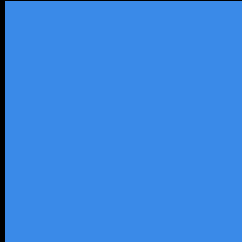
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.7960, 52.8516, -58.5801 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

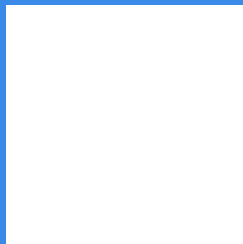
Any Text WCAG AAA × Fail

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

YUV 124.7960, 52.8516, -58.5801 Background



This preview shows how black text looks on a background with the YUV color 124.7960, 52.8516, -58.5801.



This preview shows how white text looks on a background with the YUV color 124.7960, 52.8516, -58.5801.

-58.5801.

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

124.7960, 52.8516, -58.5801

Protanopia

132.9520, 46.3657, -31.5299

Deuteranopia

126.0030, 52.2565, -54.3766



Tritanopia

107.1050, 27.0632, -93.9311

Trichromacy



Original Color

124.7960, 52.8516, -58.5801

Protanomaly

130.1680, 48.7242, -41.3663

Deuteranomaly

125.4050, 52.5513, -55.6062

Tritanomaly

113.2990, 36.3346, -80.9462

Monochromacy



Original Color

124.7960, 52.8516, -58.5801

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.2050, 19.1259, -21.2278

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.7960, 52.8516, -58.5801 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(58, 138, 232)` looks like.

```
.text, #text, p{  
    color:rgb(58, 138, 232)  
}
```

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(58, 138, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 138, 232) }
```

Border

The CSS property to change the border of an element to YUV 124.7960, 52.8516, -58.5801 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(58, 138, 232) }
```


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

```
.border{ border-color:rgb(58, 138, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 138, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 138, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 138, 232);  
box-shadow:4px 4px 4px 4px rgb(58, 138,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 124.7960, 52.8516, -58.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 138, 232) }
```

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

```
.background{ background-color: rgb(58, 138,  
232) }
```

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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