

Converting Colors

YUV(120.3620, 47.6425,
-67.8465)

Have a look what the booklet for
YUV(120.3620, 47.6425, -67.8465)
contains.

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Color

**YUV(120.3620, 47.6425,
-67.8465)**

Conversions

Conversions Part 1

Format	Color
Hex	2B8DD9
RGB	43, 141, 217
RGB Percent	17%, 55%, 85%
CMY	0.8314, 0.4471, 0.1490
CMYK	0.80, 0.35, 0.00, 0.15
HSL	206°, 70%, 51%
HSV	206°, 80%, 85%
XYZ	23.0455, 24.5731, 69.1741
YIQ	120.3620, -82.8040, 2.8600

Conversions

Conversions Part 2

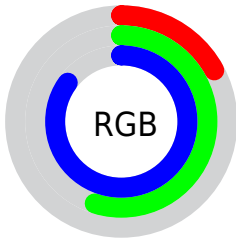
Format	Color
R_{YB}	43, 106, 217
Decimal	2854361
CIE _{Lab}	56.66, -1.39, -46.66
CIE _{LCh}	57, 46.682, 268.289
Yxy	24.5731, 0.1973, 0.2104
Android (android.graphics.Color)	4281044441 (0xFF2B8DD9)
YUV	120.3620, 47.6425, -67.8465
Hunter-Lab	49.5713, -3.7656, -48.0362

Details

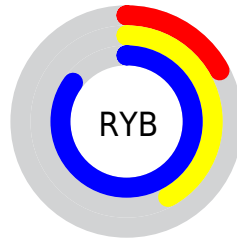
The YUV color **120.3620, 47.6425, -67.8465** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **139.6380, -47.6425, 67.8465**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6320, 38.1424, -54.0513**, and **71.8850, 44.4267, -63.0431** is the 20% darker color. If you saturate the color by 10%, you get **108.5010, 53.4900, -76.7384**, and if you desaturate by 10%, it is **132.2230, 41.7951, -58.9546**.

Distribution



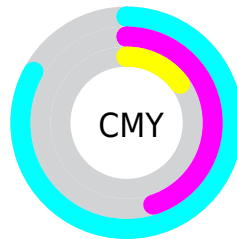
- Red (17%)
- Green (55%)
- Blue (85%)



- Red (17%)
- Yellow (42%)
- Blue (85%)



- Cyan (80%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (83%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3620, 47.6425, -67.8465 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 120.3620, 47.6425, -67.8465 by changing the saturation by 10% instead.

■ 120.3620, 47.6425,
-67.8465

■ 120.3620, 47.6425,
-67.8465

■ 255.0000, 0.0000,
0.0000

■ 89.6380, 48.9855,
-78.6125

■ 177.6320, 38.1424,
-54.0513

■ 71.8850, 44.4267,
-63.0431

■ 203.3370, 25.4699,
-49.4075

■ 55.3060, 39.2891,
-48.5034

■ 229.3300, 12.6553,
-45.8934

■ 40.0150, 34.0096,
-35.0932

■ 240.9470, 6.9281,
-28.8945

■ 25.4250, 28.8775,
-22.2977

■ 249.9170, 2.5059,
-10.4512

■ 10.4760, 24.9083,
-9.1875

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 120.3620, 47.6425,
-67.8465

■ 120.3620, 47.6425,
-67.8465

■ 108.5010, 53.4900,
-76.7384

■ 132.2230, 41.7951,
-58.9546

■ 96.3520, 59.4795,
-84.5007

■ 144.3720, 35.8056,
-51.1922

■ 156.2330, 29.9581,
-42.3003

■ 168.6810, 23.8213,
-33.9232

■ 180.2430, 18.1212,
-25.6461

■ 192.6910, 11.9843,
-17.2690

■ 204.5520, 6.1369,
-8.3771

■ 217.0000, 0.0000,
0.0000

■ 228.5620, -5.7001,
8.2771

Harmonies

Analogous

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



111.8930, 45.4088, -98.1302



120.3620, 47.6425, -67.8465



137.7400, 34.6382, -3.2800

Triad

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



120.3620, 47.6425, -67.8465



135.2380, -17.3723, 65.5663



119.6310, -14.1151, -46.1574

Complementary

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



120.3620, 47.6425, -67.8465



139.6380, -47.6425, 67.8465

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.



127.9490, -33.0059, -6.9713



120.3620, 47.6425, -67.8465



134.3120, -33.1848, 50.5924

Square

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



120.3620, 47.6425, -67.8465



137.4390, 1.2626, 61.8820



132.0240, -39.9448, 25.4120



106.6200, 12.5123, -93.5057

Rectangle

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



120.3620, 47.6425, -67.8465



139.9950, 24.6525, 26.3144



132.0240, -39.9448, 25.4120



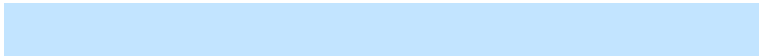
123.4820, -21.4366, -31.1177

Sweetspot

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



120.3620, 47.6425, -67.8465



220.9120, 16.8054, -23.6018



153.6880, -17.5942, -97.0734



106.9580, 10.3737, -13.9952



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.



120.3620, 47.6425, -67.8465



118.9360, 67.0796, -95.5369



69.8800, 72.5302, -23.5738



103.7760, 3.0684, -4.1886



77.2480, 47.2057, -67.7465



20.5060, 12.5685, -17.9838

Inverse Universe

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



106.1980, 17.1574, 97.1734



98.9870, 24.1634, 136.8234



190.1200, -72.5302, 23.5738



102.9730, 0.9993, 6.1627



62.8990, 17.3048, 96.5586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 120.3620, 47.6425, -67.8465 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 120.3620, 47.6425, -67.8465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

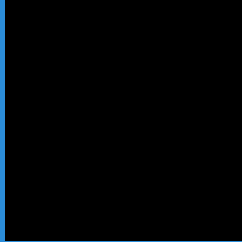
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

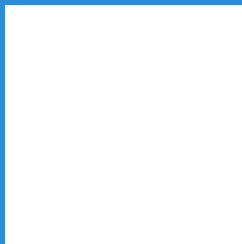
Any Text WCAG AAA × Fail

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

YUV 120.3620, 47.6425, -67.8465 Background



This preview shows how black text looks on a background with the YUV color 120.3620, 47.6425, -67.8465.

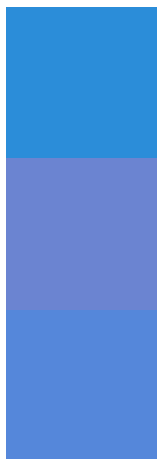


This preview shows how white text looks on a background with the YUV color 120.3620, 47.6425, -67.8465.

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

120.3620, 47.6425, -67.8465

Protanopia

133.3030, 37.3186, -23.0677

Deuteranopia

129.5120, 43.6246, -39.0370



Tritanopia

106.4040, 26.9158, -93.3163

Trichromacy



Original Color

120.3620, 47.6425, -67.8465

Protanomaly

128.5290, 41.1512, -39.0519

Deuteranomaly

126.2010, 45.2569, -49.2883

Tritanomaly

111.7070, 34.1614, -83.9350

Monochromacy



Original Color

120.3620, 47.6425, -67.8465

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.3140, 17.1002, -24.8314

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3620, 47.6425, -67.8465 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(43, 141, 217)` looks like.

```
.text, #text, p{  
    color:rgb(43, 141, 217)  
}
```

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(43, 141, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 141, 217) }
```

Border

The CSS property to change the border of an element to YUV 120.3620, 47.6425, -67.8465 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(43, 141, 217) }
```


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

```
.border{ border-color:rgb(43, 141, 217) }
```

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

Here you see how a box with a 4 pixel rgb(43, 141, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 141, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 141, 217);  
box-shadow:4px 4px 4px 4px rgb(43, 141,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 120.3620, 47.6425, -67.8465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 141, 217) }
```

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

```
.background{ background-color: rgb(43, 141,  
217) }
```

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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