

Converting Colors

YUV(120.6980, 54.8719,
-53.2321)

Have a look what the booklet for
YUV(120.6980, 54.8719, -53.2321)
contains.

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Color

**YUV(120.6980, 54.8719,
-53.2321)**

Conversions

Conversions Part 1

Format	Color
Hex	3C82E8
RGB	60, 130, 232
RGB Percent	24%, 51%, 91%
CMY	0.7647, 0.4902, 0.0902
CMYK	0.74, 0.44, 0.00, 0.09
HSL	216°, 79%, 57%
HSV	216°, 74%, 91%
XYZ	24.4116, 22.7521, 79.4489
YIQ	120.6980, -74.4620, 16.8820

Conversions

Conversions Part 2

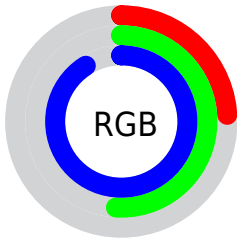
Format	Color
R _Y B	60, 110, 232
Decimal	3965672
CIE Lab	54.82, 12.58, -57.96
CIE LCh	55, 59.309, 282.250
Yxy	22.7521, 0.1928, 0.1797
Android (android.graphics.Color)	4282155752 (0xFF3C82E8)
YUV	120.6980, 54.8719, -53.2321
Hunter-Lab	47.6992, 7.8796, -65.3654

Details

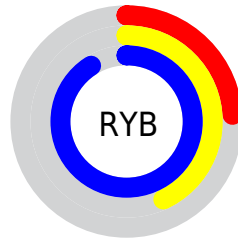
The YUV color **120.6980, 54.8719, -53.2321** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **171.3020, -54.8719, 53.2321**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1760, 39.8462, -40.4964**, and **68.1980, 53.1464, -59.8096** is the 20% darker color. If you saturate the color by 10%, you get **105.6030, 62.3137, -60.1648**, and if you desaturate by 10%, it is **135.7930, 47.4301, -46.2995**.

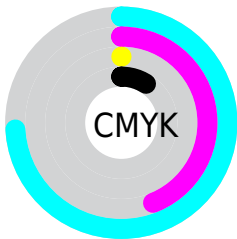
Distribution



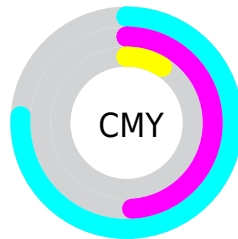
- Red (24%)
- Green (51%)
- Blue (91%)



- Red (24%)
- Yellow (43%)
- Blue (91%)



- Cyan (74%)
- Magenta (44%)
- Yellow (0%)
- Black (9%)



- Cyan (76%)
- Magenta (49%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6980, 54.8719, -53.2321 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 120.6980, 54.8719, -53.2321 by changing the saturation by 10% instead.

■ 120.6980, 54.8719,
-53.2321

■ 120.6980, 54.8719,
-53.2321

■ 255.0000, 0.0000,
0.0000

■ 84.7770, 58.2839,
-74.3494

■ 174.1760, 39.8462,
-40.4964

■ 68.1980, 53.1464,
-59.8096

■ 199.8810, 27.1737,
-35.8526

■ 51.5050, 47.5720,
-45.1699

■ 225.5860, 14.5011,
-31.2089

■ 36.8010, 42.0031,
-32.2745

■ 244.8340, 5.0118,
-20.9024

■ 22.7980, 36.5816,
-19.9938

■ 253.8040, 0.5896,
-2.4591

■ 12.9040, 29.1343,
-11.3168

■ 7.8200, 19.8087,

-6.8581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 120.6980, 54.8719,
-53.2321

■ 120.6980, 54.8719,
-53.2321

■ 105.6030, 62.3137,
-60.1648

■ 135.7930, 47.4301,
-46.2995

■ 90.5080, 69.7556,
-67.0975

■ 150.8880, 39.9882,
-39.3668

■ 81.6260, 74.1344,
-71.5860

■ 165.6950, 32.6884,
-31.3045

■ 180.7900, 25.2465,
-24.3718

■ 195.8850, 17.8047,
-17.4391

■ 210.9800, 10.3629,
-10.5065

■ 225.4880, 3.2104,
-3.0590

■ 240.8820, -4.3788,
4.4885

■ 251.7910, -9.7570,
2.8143

Harmonies

Analogous

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



111.2210, 58.0650, -97.5408



120.6980, 54.8719, -53.2321



134.9480, 36.0146, 21.9706

Triad

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



120.6980, 54.8719, -53.2321



127.0360, -31.0767, 74.5134



100.9830, -1.4706, -88.5621

Complementary

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



120.6980, 54.8719, -53.2321



171.3020, -54.8719, 53.2321

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.



115.4960, -32.7825, -32.0070



120.6980, 54.8719, -53.2321



125.4200, -50.4931, 48.7437

Square

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



120.6980, 54.8719, -53.2321



126.7040, -7.2491, 85.3286



121.0060, -56.2050, 14.0267



108.1990, 21.1009, -94.8905

Rectangle

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



120.6980, 54.8719, -53.2321



133.7150, 22.8185, 54.6239



121.0060, -56.2050, 14.0267



98.4580, -8.6068, -86.3477

Sweetspot

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



120.6980, 54.8719, -53.2321



218.8850, 17.8047, -17.4391



172.3640, -6.0955, -98.5432



106.0940, 10.7997, -10.6064



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.



120.6980, 54.8719, -53.2321



107.8820, 72.5292, -70.0565



83.7940, 73.0656, -8.5893



107.3030, 3.7946, -3.7737



63.2570, 57.0613, -55.4764



18.1410, 16.1995, -15.9097

Inverse Universe

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



119.4080, 5.2219, 98.7432



106.3610, 6.7240, 130.3564



208.2060, -73.0656, 8.5893



107.1580, 0.4151, 6.8774



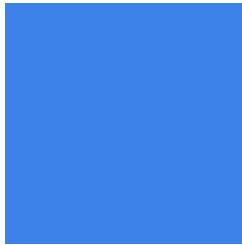
61.8430, 5.5004, 102.7467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 120.6980, 54.8719, -53.2321 looks on a white background.

Color Contrast Check

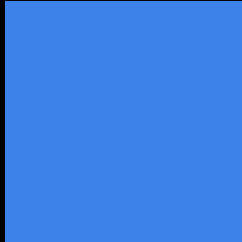
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6980, 54.8719, -53.2321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

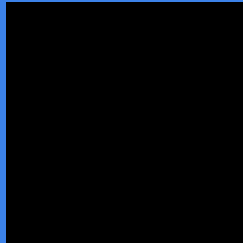
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

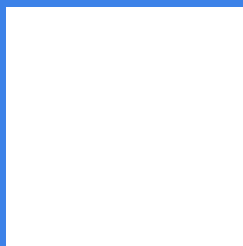
Any Text WCAG AAA × Fail

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

YUV 120.6980, 54.8719, -53.2321 Background



This preview shows how black text looks on a background with the YUV color 120.6980, 54.8719, -53.2321.



This preview shows how white text looks on a background with the YUV color 120.6980, 54.8719, -53.2321.

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

120.6980, 54.8719, -53.2321

Protanopia

125.7710, 50.8919, -36.6332

Deuteranopia

114.8810, 57.2467, -68.3016



Tritanopia

102.8990, 26.1788, -90.2424

Trichromacy



Original Color

120.6980, 54.8719, -53.2321

Protanomaly

123.7810, 52.3660, -42.7809

Deuteranomaly

116.6860, 56.3568, -62.8686

Tritanomaly

109.7340, 36.6131, -76.9427

Monochromacy



Original Color

120.6980, 54.8719, -53.2321

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7430, 19.8467, -19.0686

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6980, 54.8719, -53.2321 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(60, 130, 232)` looks like.

```
.text, #text, p{  
    color:rgb(60, 130, 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(60, 130, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 130, 232) }
```

Border

The CSS property to change the border of an element to YUV 120.6980, 54.8719, -53.2321 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(60, 130, 232) }
```


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

```
.border{ border-color:rgb(60, 130, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 130, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 130, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 130, 232);  
box-shadow:4px 4px 4px 4px rgb(60, 130,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 120.6980, 54.8719, -53.2321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 130, 232) }
```

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

```
.background{ background-color: rgb(60, 130,  
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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