

Converting Colors

YUV(117.2790, 53.5995,
-65.1427)

Have a look what the booklet for
YUV(117.2790, 53.5995, -65.1427)
contains.

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Color

**YUV(117.2790, 53.5995,
-65.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	2B86E2
RGB	43, 134, 226
RGB Percent	17%, 53%, 89%
CMY	0.8314, 0.4745, 0.1137
CMYK	0.81, 0.41, 0.00, 0.11
HSL	210°, 76%, 53%
HSV	210°, 81%, 89%
XYZ	23.2488, 23.0548, 75.1762
YIQ	117.2790, -83.7680, 9.3200

Conversions

Conversions Part 2

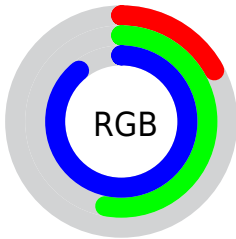
Format	Color
R_{YB}	43, 104, 226
Decimal	2852578
CIE _{Lab}	55.13, 6.11, -54.13
CIE _{LCh}	55, 54.476, 276.438
Y _{xy}	23.0548, 0.1914, 0.1898
Android (android.graphics.Color)	4281042658 (0xFF2B86E2)
YUV	117.2790, 53.5995, -65.1427
Hunter-Lab	48.0154, 2.4019, -59.2177

Details

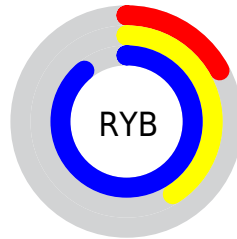
The YUV color **117.2790, 53.5995, -65.1427** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **151.7210, -53.5995, 65.1427**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8220, 40.0208, -49.8329**, and **69.2750, 49.6574, -60.7542** is the 20% darker color. If you saturate the color by 10%, you get **103.9450, 60.1731, -73.6198**, and if you desaturate by 10%, it is **130.6130, 47.0258, -56.6656**.

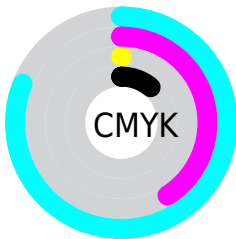
Distribution



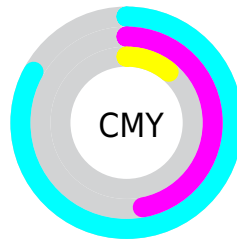
- Red (17%)
- Green (53%)
- Blue (89%)



- Red (17%)
- Yellow (41%)
- Blue (89%)



- Cyan (81%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (83%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2790, 53.5995, -65.1427 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 117.2790, 53.5995, -65.1427 by changing the saturation by 10% instead.

■ 117.2790, 53.5995,
-65.1427

■ 117.2790, 53.5995,
-65.1427

255.0000, 0.0000,
0.0000

■ 86.5550, 54.9424,
-75.9087

■ 173.8220, 40.0208,
-49.8329

■ 69.2750, 49.6574,
-60.7542

■ 199.2390, 27.4902,
-44.0596

■ 53.2830, 44.2305,
-46.7292

■ 224.9440, 14.8176,
-39.4159

■ 37.9920, 38.9509,
-33.3190

■ 241.5450, 6.6333,
-27.6650

■ 23.4020, 33.8188,
-20.5236

■ 250.8140, 2.0637,
-8.6069

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 117.2790, 53.5995,
-65.1427

■ 117.2790, 53.5995,
-65.1427

■ 103.9450, 60.1731,
-73.6198

■ 130.6130, 47.0258,
-56.6656

■ 91.5080, 66.3046,
-80.2525

■ 144.2350, 40.3101,
-49.3181

■ 157.5690, 33.7365,
-40.8410

■ 170.6040, 27.3102,
-32.9787

■ 184.5250, 20.4472,
-25.0164

■ 197.8590, 13.8735,
-16.5393

■ 211.4810, 7.1579,
-9.1918

■ 224.8150, 0.5842,
-0.7148

■ 237.8500, -5.8420,
7.1476

Harmonies

Analogous

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



111.1410, 52.6815, -97.4707



117.2790, 53.5995, -65.1427



135.1700, 35.9052, 10.3749

Triad

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



117.2790, 53.5995, -65.1427



129.2190, -25.2510, 72.5989



99.7120, -3.8020, -87.4474

Complementary

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



117.2790, 53.5995, -65.1427



151.7210, -53.5995, 65.1427

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.



119.8180, -34.4203, -20.0114



117.2790, 53.5995, -65.1427



128.4940, -42.6415, 50.4328

Square

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



117.2790, 53.5995, -65.1427



130.0880, -3.0014, 76.2218



125.1020, -48.3643, 19.2045



107.0590, 16.7329, -93.8907

Rectangle

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



117.2790, 53.5995, -65.1427



135.3930, 24.4563, 42.6283



125.1020, -48.3643, 19.2045



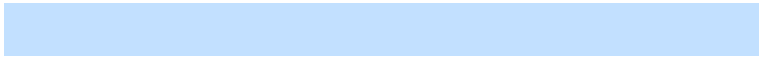
111.4790, -16.9981, -54.7941

Sweetspot

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



117.2790, 53.5995, -65.1427



218.5640, 17.9629, -21.5426



160.9090, -12.7731, -103.4062



105.7840, 10.9525, -12.9656



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.



117.2790, 53.5995, -65.1427



108.3590, 72.2940, -88.0148



63.8620, 79.9340, -18.2960



105.7760, 3.0684, -4.1886



71.1330, 51.6994, -62.3836



19.5600, 14.0209, -17.1541

Inverse Universe

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



108.0910, 12.7731, 103.4062



95.8750, 17.3166, 139.5526



205.1380, -79.9340, 18.2960



104.9730, 0.9993, 6.1627



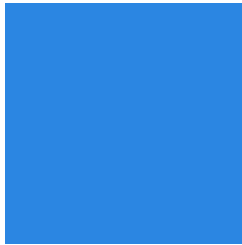
62.5420, 12.0578, 99.5027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 117.2790, 53.5995, -65.1427 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 117.2790, 53.5995, -65.1427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

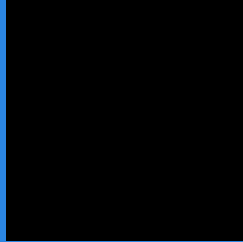
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

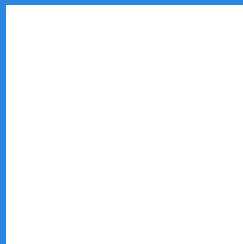
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 117.2790, 53.5995, -65.1427

Background



This preview shows how black text looks on a background with the YUV color 117.2790, 53.5995, -65.1427.



This preview shows how white text looks on a background with the YUV color 117.2790, 53.5995, -65.1427.

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

117.2790, 53.5995, -65.1427

Protanopia

127.7240, 45.4921, -31.3299

Deuteranopia

120.8780, 51.8251, -56.0210



Tritanopia

103.4860, 25.8894, -90.7572

Trichromacy



Original Color

117.2790, 53.5995, -65.1427

Protanomaly

123.7440, 48.4402, -43.6255

Deuteranomaly

119.3830, 52.5622, -59.0949

Tritanomaly

108.7720, 35.6084, -81.3610

Monochromacy



Original Color

117.2790, 53.5995, -65.1427

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0090, 19.7156, -23.6869

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2790, 53.5995, -65.1427 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, 134, 226)` looks like.

```
.text, #text, p{  
    color:rgb(43, 134, 226)  
}
```

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, 134, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 134, 226) }
```

Border

The CSS property to change the border of an element to YUV 117.2790, 53.5995, -65.1427 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, 134, 226) }
```


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

```
.border{ border-color:rgb(43, 134, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 134, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 134, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 134, 226);  
box-shadow:4px 4px 4px 4px rgb(43, 134,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 117.2790, 53.5995, -65.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 134, 226) }
```

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

```
.background{ background-color: rgb(43, 134,  
226) }
```

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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