

Converting Colors

YUV(107.1820, 50.6893,
-65.0576)

Have a look what the booklet for
YUV(107.1820, 50.6893, -65.0576)
contains.

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Color

**YUV(107.1820, 50.6893,
-65.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	217DD2
RGB	33, 125, 210
RGB Percent	13%, 49%, 82%
CMY	0.8706, 0.5098, 0.1765
CMYK	0.84, 0.40, 0.00, 0.18
HSL	209°, 73%, 48%
HSV	209°, 84%, 82%
XYZ	19.5937, 19.6437, 63.7317
YIQ	107.1820, -82.1170, 6.9310

Conversions

Conversions Part 2

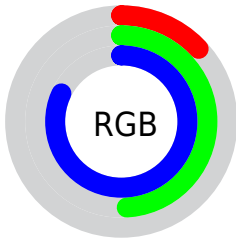
Format	Color
R_{YB}	33, 94, 210
Decimal	2194898
CIE _{Lab}	51.43, 4.71, -51.04
CIE _{LCh}	51, 51.255, 275.275
Yxy	19.6437, 0.1903, 0.1908
Android (android.graphics.Color)	4280384978 (0xFF217DD2)
YUV	107.1820, 50.6893, -65.0576
Hunter-Lab	44.3212, 1.3497, -54.2312

Details

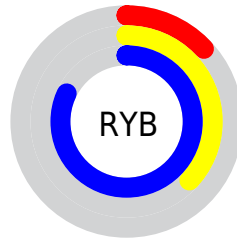
The YUV color **107.1820, 50.6893, -65.0576** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **135.8180, -50.6893, 65.0576**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5600, 44.0939, -49.6031**, and **62.8690, 45.4206, -55.1361** is the 20% darker color. If you saturate the color by 10%, you get **95.0330, 56.6787, -72.8199**, and if you desaturate by 10%, it is **119.3310, 44.6998, -57.2953**.

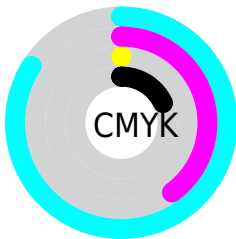
Distribution



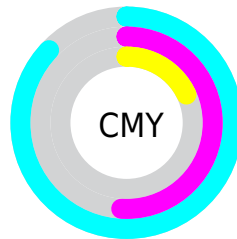
- Red (13%)
- Green (49%)
- Blue (82%)



- Red (13%)
- Yellow (37%)
- Blue (82%)



- Cyan (84%)
- Magenta (40%)
- Yellow (0%)
- Black (18%)



- Cyan (87%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.1820, 50.6893, -65.0576 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 107.1820, 50.6893, -65.0576 by changing the saturation by 10% instead.

■ 107.1820, 50.6893,
-65.0576

■ 107.1820, 50.6893,
-65.0576

■ 255.0000, 0.0000,
0.0000

■ 79.4480, 50.5581,
-69.6759

■ 165.5600, 44.0939,
-49.6031

■ 62.8690, 45.4206,
-55.1361

■ 190.6780, 31.7107,
-44.4446

■ 46.8770, 39.9936,
-41.1111

■ 216.3830, 19.0382,
-39.8009

■ 32.2870, 34.8615,
-28.3157

■ 238.8540, 7.9600,
-33.1980

■ 15.3490, 30.8869,
-13.4611

■ 248.1230, 3.3904,
-14.1399

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 107.1820, 50.6893,
-65.0576

■ 107.1820, 50.6893,
-65.0576

■ 95.0330, 56.6787,
-72.8199

■ 119.3310, 44.6998,
-57.2953

■ 87.9230, 60.1840,
-77.1085

■ 131.4800, 38.7104,
-49.5330

■ 143.6290, 32.7209,
-41.7706

■ 155.7780, 26.7314,
-34.0083

■ 167.9270, 20.7420,
-26.2460

■ 180.6630, 14.4631,
-18.9985

■ 192.8120, 8.4737,
-11.2361

■ 204.9610, 2.4842,
-3.4738

■ 217.1100, -3.5052,
4.2885

Harmonies

Analogous

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



103.4470, 48.5866, -90.7230



107.1820, 50.6893, -65.0576



125.5780, 33.7320, 7.3861

Triad

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



107.1820, 50.6893, -65.0576



120.1690, -22.7613, 67.3808



92.3430, -4.1131, -80.9848

Complementary

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



107.1820, 50.6893, -65.0576



135.8180, -50.6893, 65.0576

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.



111.5950, -32.8313, -16.3078



107.1820, 50.6893, -65.0576



119.3950, -39.1417, 47.8886

Square

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



107.1820, 50.6893, -65.0576



120.9840, -1.9641, 70.1740



116.3130, -45.0173, 19.0195



99.2340, 14.6746, -87.0282

Rectangle

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



107.1820, 50.6893, -65.0576



126.0180, 23.1621, 37.6952



116.3130, -45.0173, 19.0195



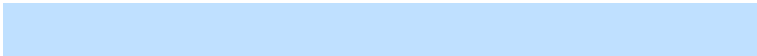
104.5230, -17.0198, -47.8167

Sweetspot

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



107.1820, 50.6893, -65.0576



217.6670, 18.4052, -23.3870



146.3610, -14.9680, -99.4176



105.1860, 11.2473, -14.1951



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.



107.1820, 50.6893, -65.0576



107.1410, 72.8945, -93.9627



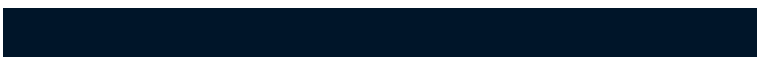
56.7000, 75.5769, -20.7849



98.7760, 3.0684, -4.1886



70.2210, 48.2050, -61.5838



17.0010, 11.8315, -14.9099

Inverse Universe

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



96.4110, 14.0944, 99.6176



91.4070, 20.5053, 143.4711



186.3000, -75.5769, 20.7849



97.9730, 0.9993, 6.1627



60.1500, 13.2370, 94.5844



14.6530, 3.1291, 23.1063

Previews

White Background



This preview shows how the YUV color 107.1820, 50.6893, -65.0576 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 107.1820, 50.6893, -65.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

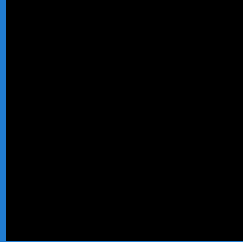
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.1820, 50.6893, -65.0576

Background



This preview shows how black text looks on a background with the YUV color 107.1820, 50.6893, -65.0576.



This preview shows how white text looks on a background with the YUV color 107.1820, 50.6893, -65.0576.

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

107.1820, 50.6893, -65.0576

Protanopia

118.8230, 41.9923, -28.7858

Deuteranopia

111.6890, 48.4673, -52.3473



Tritanopia

95.7750, 24.2679, -83.9947

Trichromacy



Original Color

107.1820, 50.6893, -65.0576

Protanomaly

114.5440, 45.0878, -41.6961

Deuteranomaly

110.1830, 49.2098, -57.1655

Tritanomaly

99.7510, 34.1398, -76.9576

Monochromacy



Original Color

107.1820, 50.6893, -65.0576

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2540, 18.1158, -23.9018

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.1820, 50.6893, -65.0576 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(33, 125, 210)` looks like.

```
.text, #text, p{  
    color:rgb(33, 125, 210)  
}
```

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(33, 125, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 125, 210) }
```

Border

The CSS property to change the border of an element to YUV 107.1820, 50.6893, -65.0576 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(33, 125, 210) }
```


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

```
.border{ border-color:rgb(33, 125, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 125, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 125, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 125, 210);  
box-shadow:4px 4px 4px 4px rgb(33, 125,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 107.1820, 50.6893, -65.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 125, 210) }
```

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

```
.background{ background-color: rgb(33, 125,  
210) }
```

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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