

Converting Colors

YUV(140.7890, -20.6020,
-65.5900)

Have a look what the booklet for
YUV(140.7890, -20.6020, -65.5900)
contains.

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Color

**YUV(140.7890, -20.6020,
-65.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	42BB63
RGB	66, 187, 99
RGB Percent	26%, 73%, 39%
CMY	0.7412, 0.2667, 0.6118
CMYK	0.65, 0.00, 0.47, 0.27
HSL	136°, 48%, 50%
HSV	136°, 65%, 73%
XYZ	22.2692, 37.5998, 17.8881
YIQ	140.7890, -43.8680, -53.0200

Conversions

Conversions Part 2

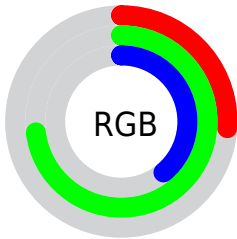
Format	Color
RYB	66, 161, 187
Decimal	4373347
CIELab	67.72, -52.64, 34.81
CIELCh	68, 63.111, 146.520
Yxy	37.5998, 0.2864, 0.4836
Android (android.graphics.Color)	4282563427 (0xFF42BB63)
YUV	140.7890, -20.6020, -65.5900
Hunter-Lab	61.3186, -42.4814, 25.6267

Details

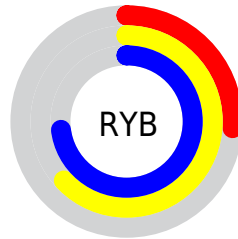
The YUV color **140.7890, -20.6020, -65.5900** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **112.2110, 20.6020, 65.5900**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4150, -23.3756, -62.6310**, and **83.7710, -16.6491, -73.4672** is the 20% darker color. If you saturate the color by 10%, you get **133.5120, -23.9164, -75.8710**, and if you desaturate by 10%, it is **148.0660, -17.2875, -55.3089**.

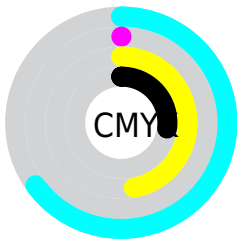
Distribution



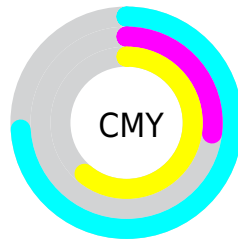
- Red (26%)
- Green (73%)
- Blue (39%)



- Red (26%)
- Yellow (63%)
- Blue (73%)



- Cyan (65%)
- Magenta (0%)
- Yellow (47%)
- Black (27%)



- Cyan (74%)
- Magenta (27%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.7890, -20.6020, -65.5900 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 140.7890, -20.6020, -65.5900 by changing the saturation by 10% instead.

■ 140.7890,
-20.6020, -65.5900

■ 140.7890,
-20.6020, -65.5900

■ 255.0000, 0.0000,
0.0000

■ 110.1410,
-17.8175, -72.0377

■ 198.4150,
-23.3756, -62.6310

■ 83.7710, -16.6491,
-73.4672

■ 216.6210,
-19.0402, -53.1646

■ 65.0720, -19.7555,
-57.0681

■ 228.4840,
-11.0846, -38.1355

■ 47.5470, -23.4407,
-41.6987

■ 240.7600, -2.8397,
-22.5915

■ 33.4590, -16.4953,
-29.3435

■ 252.0100, 1.4741,
-6.1478

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,

0.0000

■ 140.7890,
-20.6020, -65.5900

■ 140.7890,
-20.6020, -65.5900

■ 133.5120,
-23.9164, -75.8710

■ 148.0660,
-17.2875, -55.3089

■ 126.6480,
-26.9415, -85.6373

■ 154.9300,
-14.2625, -45.5426

■ 119.3710,
-30.2559, -95.9184

■ 162.2070,
-10.9481, -35.2615

■ 115.5830,
-31.8394, -101.3663

■ 169.3700, -8.0704,
-24.8805

■ 176.6470, -4.7560,
-14.5994

■ 183.6250, -1.2941,
-4.9331

■ 190.7880, 1.5835,
5.4479

■ 198.0650, 4.8980,
15.7290

■ 204.9290, 7.9230,
25.4953

Harmonies

Analogous

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



153.4100, -49.0091, -7.3756



140.7890, -20.6020, -65.5900



130.4880, 12.5774, -114.4380

Triad

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



140.7890, -20.6020, -65.5900



130.6210, 61.3188, -114.5546



158.3760, -19.9054, 84.7392

Complementary

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



140.7890, -20.6020, -65.5900



112.2110, 20.6020, 65.5900

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.



161.8250, 6.0023, 81.7145



140.7890, -20.6020, -65.5900



164.9270, 44.4060, -9.5830

Square

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



140.7890, -20.6020, -65.5900



138.2520, 57.5568, -121.2470



169.4140, 29.3759, 51.3799



161.6430, -45.1800, 71.3501

Rectangle

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



140.7890, -20.6020, -65.5900



135.0480, 30.0493, -118.4371



169.4140, 29.3759, 51.3799



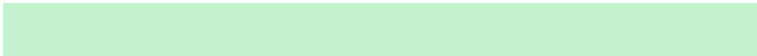
158.0800, -10.8854, 84.9988

Sweetspot

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



140.7890, -20.6020, -65.5900



224.4840, -7.6336, -24.9805



163.6380, -48.1355, -7.5755



111.3480, -4.6086, -15.2142



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



140.7890, -20.6020, -65.5900



169.8710, -31.9814, -102.4959



147.6290, 5.6059, -71.5886



90.5110, -1.7309, -4.8331



97.6480, -26.9415, -85.6373



19.1090, -5.4767, -16.7586

Inverse Universe

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



112.2110, 20.6020, 65.5900



125.2430, 32.4182, 102.3959



105.3710, -5.6059, 71.5886



88.4890, 1.7309, 4.8331



60.3520, 26.9415, 85.6373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 140.7890, -20.6020, -65.5900 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 140.7890, -20.6020, -65.5900 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 ✓ Pass

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

YUV 140.7890, -20.6020, -65.5900 Background



This preview shows how black text looks on a background with the YUV color 140.7890, -20.6020, -65.5900.



This preview shows how white text looks on a background with the YUV color 140.7890, -20.6020, -65.5900.

-65.5900.

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

140.7890, -20.6020, -65.5900

Protanopia

160.4620, -34.2448, 17.1348

Deuteranopia

162.5590, -27.8836, 30.2048



Tritanopia

153.7790, 18.3500, -52.4262

Trichromacy



Original Color

140.7890, -20.6020, -65.5900



Protanomaly

153.2410, -29.2058, -12.4894



Deuteranomaly

154.3220, -25.3017, -4.6674



Tritanomaly

149.3750, 4.2521, -57.3339

Monochromacy



Original Color

140.7890, -20.6020, -65.5900



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.1960, -7.4916, -23.8509

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7890, -20.6020, -65.5900 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(66, 187, 99)` looks like.

```
.text, #text, p{  
    color:rgb(66, 187, 99)  
}
```

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(66, 187, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 187, 99) }
```

Border

The CSS property to change the border of an element to YUV 140.7890, -20.6020, -65.5900 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(66, 187, 99) }
```


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

```
.border{ border-color:rgb(66, 187, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 187, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 187, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 187, 99);  
box-shadow:4px 4px 4px 4px rgb(66, 187,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 140.7890, -20.6020, -65.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 187, 99) }
```

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

```
.background{ background-color: rgb(66, 187,  
99) }
```

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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