

Converting Colors

YUV(136.5710, 20.4245,
-64.5218)

Have a look what the booklet for
YUV(136.5710, 20.4245, -64.5218)
contains.

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Color

**YUV(136.5710, 20.4245,
-64.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	3FA6B2
RGB	63, 166, 178
RGB Percent	25%, 65%, 70%
CMY	0.7529, 0.3490, 0.3020
CMYK	0.65, 0.07, 0.00, 0.30
HSL	186°, 48%, 47%
HSV	186°, 65%, 70%
XYZ	23.7220, 31.5436, 46.9577
YIQ	136.5710, -65.2400, -18.1040

Conversions

Conversions Part 2

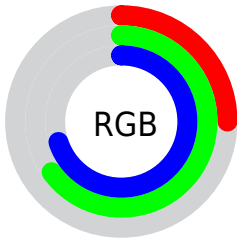
Format	Color
RYB	63, 117, 178
Decimal	4171442
CIELab	62.96, -25.56, -14.96
CIELCh	63, 29.614, 210.344
Yxy	31.5436, 0.2321, 0.3086
Android (android.graphics.Color)	4282361522 (0xFF3FA6B2)
YUV	136.5710, 20.4245, -64.5218
Hunter-Lab	56.1636, -22.8928, -10.2571

Details

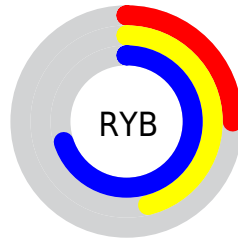
The YUV color **136.5710, 20.4245, -64.5218** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **104.4290, -20.4245, 64.5218**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4790, 19.9769, -60.9331**, and **81.1680, 21.6092, -71.1843** is the 20% darker color. If you saturate the color by 10%, you get **130.0150, 23.6566, -74.5582**, and if you desaturate by 10%, it is **143.1270, 17.1924, -54.4854**.

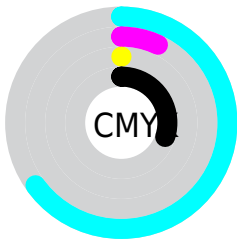
Distribution



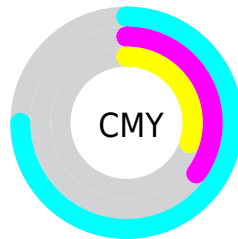
- Red (25%)
- Green (65%)
- Blue (70%)



- Red (25%)
- Yellow (46%)
- Blue (70%)



- Cyan (65%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (75%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.5710, 20.4245, -64.5218 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 136.5710, 20.4245, -64.5218 by changing the saturation by 10% instead.

■ 136.5710, 20.4245,
-64.5218

■ 136.5710, 20.4245,
-64.5218

■ 255.0000, 0.0000,
0.0000

■ 105.6840, 22.3408,
-72.5139

■ 193.4790, 19.9769,
-60.9331

■ 81.1680, 21.6092,
-71.1843

■ 221.5670, 16.4825,
-60.1333

■ 63.6430, 17.9240,
-55.8149

■ 233.1730, 10.7607,
-44.8787

■ 46.8190, 14.3862,
-41.0603

■ 242.1430, 6.3385,
-26.4354

■ 30.8100, 11.4327,
-27.0204

■ 251.1130, 1.9163,
-7.9921

■ 15.5020, 8.6265,
-13.5953

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 136.5710, 20.4245,
-64.5218

■ 136.5710, 20.4245,
-64.5218

■ 130.0150, 23.6566,
-74.5582

■ 143.1270, 17.1924,
-54.4854

■ 123.4590, 26.8887,
-84.5945

■ 149.6830, 13.9603,
-44.4490

■ 117.2020, 29.9734,
-94.0162

■ 155.9400, 10.8756,
-35.0274

■ 113.6250, 31.7369,
-99.6491

■ 161.9090, 7.9329,
-24.4762

■ 168.4650, 4.7008,
-14.4398

■ 175.0210, 1.4686,
-4.4034

■ 181.5770, -1.7635,
5.6330

■ 187.8340, -4.8482,
15.0546

■ 194.3900, -8.0803,
25.0910

Harmonies

Analogous

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



139.5760, 6.1250, -51.3712



136.5710, 20.4245, -64.5218



141.1730, 27.5227, -54.5257

Triad

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



136.5710, 20.4245, -64.5218



156.4390, 11.1226, 25.9250



150.8670, -25.0774, 16.7796

Complementary

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



136.5710, 20.4245, -64.5218



104.4290, -20.4245, 64.5218

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.



152.9600, -22.6583, 34.2381



136.5710, 20.4245, -64.5218



155.9110, -1.4351, 40.4201

Square

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



136.5710, 20.4245, -64.5218



154.3310, 21.5288, 1.4637



154.7190, -13.6655, 43.2194



147.8750, -20.6444, -5.1524

Rectangle

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



136.5710, 20.4245, -64.5218



146.5110, 28.3421, -37.2821



154.7190, -13.6655, 43.2194



151.6120, -24.9517, 23.1423

Sweetspot

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



136.5710, 20.4245, -64.5218



215.9090, 7.9329, -24.4762



131.7590, -28.4752, -60.3016



107.1660, 4.8482, -15.0546



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



136.5710, 20.4245, -64.5218



166.7280, 32.1791, -101.4935



103.1120, 36.9198, -35.1782



85.7220, 1.6161, -5.0182



97.8610, 27.1835, -85.8241



16.4650, 4.7008, -14.4398

Inverse Universe

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



109.1270, 28.0384, 60.4016



123.5870, 44.0806, 95.0782



137.8880, -36.9198, 35.1782



83.6030, 2.1677, 4.7332



61.3650, 37.2881, 80.3639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 136.5710, 20.4245, -64.5218 looks on a white background.

Color Contrast Check

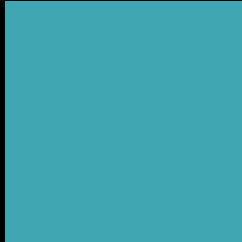
Large Text (above 18pt) WCAG AA × Fail

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 136.5710, 20.4245, -64.5218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

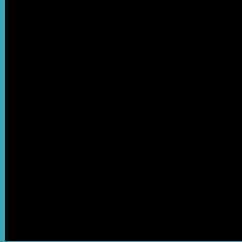
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 136.5710, 20.4245, -64.5218

Background



This preview shows how black text looks on a background with the YUV color 136.5710, 20.4245, -64.5218.



This preview shows how white text looks on a background with the YUV color 136.5710, 20.4245, -64.5218.

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

136.5710, 20.4245, -64.5218

Protanopia

151.7530, 8.0098, -2.4144

Deuteranopia

152.7730, 14.4089, -1.5549



Tritanopia

136.9840, 20.7139, -64.0070

Trichromacy



Original Color

136.5710, 20.4245, -64.5218

Protanomaly

146.4620, 12.5902, -24.9612

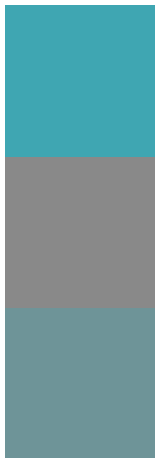
Deuteranomaly

147.2000, 16.6634, -24.7314

Tritanomaly

136.9840, 20.7139, -64.0070

Monochromacy



Original Color

136.5710, 20.4245, -64.5218

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0940, 7.3487, -23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.5710, 20.4245, -64.5218 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(63, 166, 178)` looks like.

```
.text, #text, p{  
    color:rgb(63, 166, 178)  
}
```

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(63, 166, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 166, 178) }
```

Border

The CSS property to change the border of an element to YUV 136.5710, 20.4245, -64.5218 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(63, 166, 178) }
```


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

```
.border{ border-color:rgb(63, 166, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 166, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 166, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 166, 178);  
box-shadow:4px 4px 4px 4px rgb(63, 166,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 136.5710, 20.4245, -64.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 166, 178) }
```

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

```
.background{ background-color: rgb(63, 166,  
178) }
```

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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