

Converting Colors

YUV(196.3360, 20.0474,
-83.6097)

Have a look what the booklet for
YUV(196.3360, 20.0474, -83.6097)
contains.

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Color

**YUV(196.3360, 20.0474,
-83.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	65EDED
RGB	101, 237, 237
RGB Percent	40%, 93%, 93%
CMY	0.6039, 0.0706, 0.0706
CMYK	0.57, 0.00, 0.00, 0.07
HSL	180°, 79%, 66%
HSV	180°, 57%, 93%
XYZ	50.9371, 69.4495, 90.8412
YIQ	196.3360, -81.0560, -28.8320

Conversions

Conversions Part 2

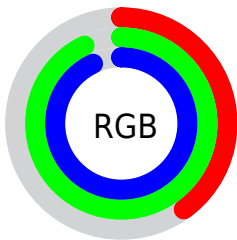
Format	Color
R _{YB}	101, 169, 237
Decimal	6680045
CIE _{Lab}	86.73, -36.65, -11.17
CIE _{LCh}	87, 38.315, 196.943
Yxy	69.4495, 0.2411, 0.3288
Android (android.graphics.Color)	4284870125 (0xFF65EDED)
YUV	196.3360, 20.0474, -83.6097
Hunter-Lab	83.3364, -36.7354, -6.2939

Details

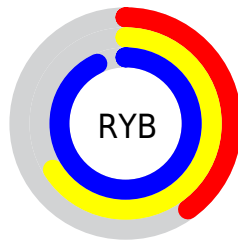
The YUV color **196.3360, 20.0474, -83.6097** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **141.6640, -20.0474, 83.6097**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7910, 13.4140, -55.9447**, and **129.2730, 25.5014, -106.3564** is the 20% darker color. If you saturate the color by 10%, you get **189.1600, 23.5851, -98.3643**, and if you desaturate by 10%, it is **203.5120, 16.5096, -68.8550**.

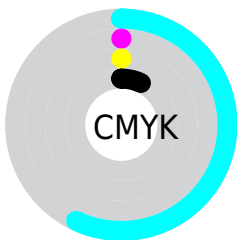
Distribution



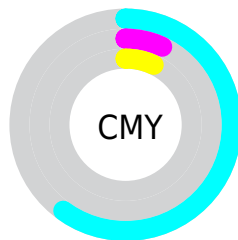
- Red (40%)
- Green (93%)
- Blue (93%)



- Red (40%)
- Yellow (66%)
- Blue (93%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (60%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3360, 20.0474, -83.6097 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 196.3360, 20.0474, -83.6097 by changing the saturation by 10% instead.

196.3360, 20.0474,
-83.6097

196.3360, 20.0474,
-83.6097

255.0000, 0.0000,
0.0000

165.6560, 21.3686,
-87.3983

227.7910, 13.4140,
-55.9447

129.2730, 25.5014,
-106.3564

236.7610, 8.9918,
-37.5014

107.3670, 22.9901,
-94.1609

246.0300, 4.4222,
-18.4433

89.1410, 19.1575,
-78.1767

71.0290, 15.7617,
-62.2924

54.2050, 12.2239,
-47.5378

37.6090, 9.5598,

-32.9831

■ 22.7740, 6.0274,
-19.9728

■ 2.0690, 5.3890,
-1.8145

■ 196.3360, 20.0474,
-83.6097

■ 196.3360, 20.0474,
-83.6097

■ 189.1600, 23.5851,
-98.3643

■ 203.5120, 16.5096,
-68.8550

■ 182.2830, 26.9755,
-112.5042

■ 210.3890, 13.1192,
-54.7152

■ 175.1070, 30.5132,
-127.2588

■ 217.5650, 9.5815,
-39.9605

■ 167.9310, 34.0510,
-142.0135

■ 224.7410, 6.0437,
-25.2059

■ 166.1370, 34.9355,
-145.7021

■ 231.6180, 2.6533,
-11.0660

■ 238.7940, -0.8844,
3.6887

■ 242.3820, -2.6533,
11.0660

Harmonies

Analogous

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



202.1810, -1.5682, -57.1637



196.3360, 20.0474, -83.6097



196.0400, 29.0673, -83.3501

Triad

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



196.3360, 20.0474, -83.6097



220.9100, 16.8064, 22.8809



215.6860, -33.8622, 34.4784

Complementary

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



196.3360, 20.0474, -83.6097



141.6640, -20.0474, 83.6097

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.



211.3950, -22.3797, 38.2416



196.3360, 20.0474, -83.6097



215.1520, 9.7851, 34.9467

Square

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



196.3360, 20.0474, -83.6097



213.9010, 20.2618, -12.1912



210.3470, -6.0871, 39.1607



212.5640, -32.3231, 7.3984

Rectangle

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



196.3360, 20.0474, -83.6097



201.4660, 26.3923, -65.3067



210.3470, -6.0871, 39.1607



213.7940, -30.9574, 36.1377

Sweetspot

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



196.3360, 20.0474, -83.6097



242.1430, 6.3385, -26.4354



180.8320, -39.3572, -70.0127



120.2260, 3.8326, -15.9842



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.



196.3360, 20.0474, -83.6097



202.3760, 25.9436, -108.2008



156.4200, 39.7259, -48.6033



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

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



157.1680, 39.3572, 70.0127



151.6880, 50.9328, 90.6046



181.5800, -39.7259, 48.6033



110.5430, 3.1833, 5.6628



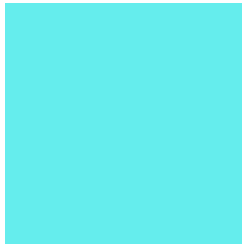
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 196.3360, 20.0474, -83.6097 looks on a white background.

Color Contrast Check

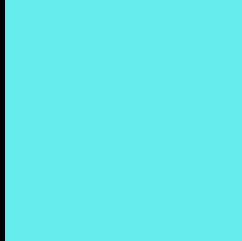
Large Text (above 18pt) WCAG AA × Fail

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 196.3360, 20.0474, -83.6097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

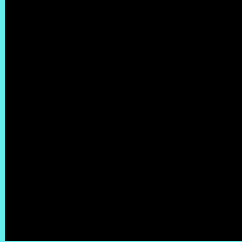
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.3360, 20.0474, -83.6097

Background



This preview shows how black text looks on a background with the YUV color 196.3360, 20.0474, -83.6097.



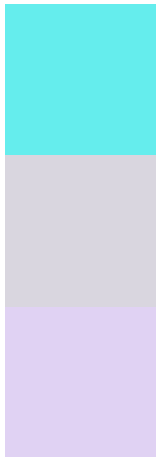
This preview shows how white text looks on a background with the YUV color 196.3360, 20.0474, -83.6097.

-83.6097.

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

196.3360, 20.0474, -83.6097

Protanopia

215.9230, 3.4890, 0.9445

Deuteranopia

217.9480, 12.3506, 5.3076



Tritanopia

198.4920, 26.8724, -79.3615

Trichromacy



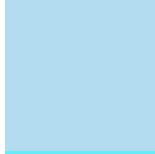
Original Color

196.3360, 20.0474, -83.6097



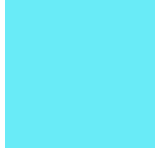
Protanomaly

208.6310, 9.5489, -29.4944



Deuteranomaly

210.1350, 15.2164, -27.3054



Tritanomaly

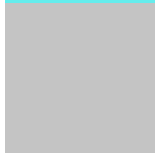
197.4980, 24.4045, -81.1207

Monochromacy



Original Color

196.3360, 20.0474, -83.6097



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.0500, 7.3704, -30.7388

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3360, 20.0474, -83.6097 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(101, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(101, 237, 237)  
}
```

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(101, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 237, 237) }
```

Border

The CSS property to change the border of an element to YUV 196.3360, 20.0474, -83.6097 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(101, 237, 237) }
```


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

```
.border{ border-color:rgb(101, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(101, 237,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 196.3360, 20.0474, -83.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 237, 237) }
```

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

```
.background{ background-color: rgb(101,  
237, 237) }
```

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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