

Converting Colors

YUV(189.7610, 32.1628,
-96.2604)

Have a look what the booklet for
YUV(189.7610, 32.1628, -96.2604)
contains.

YUV(189.7610, 32.1628, -96.2604)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(189.7610, 32.1628,
-96.2604)**

Conversions

Conversions Part 1

Format	Color
Hex	50E9FF
RGB	80, 233, 255
RGB Percent	31%, 91%, 100%
CMY	0.6863, 0.0863, 0.0000
CMYK	0.69, 0.09, 0.00, 0.00
HSL	188°, 100%, 66%
HSV	188°, 69%, 100%
XYZ	50.4972, 67.2033, 104.9178
YIQ	189.7610, -98.2500, -25.5940

Conversions

Conversions Part 2

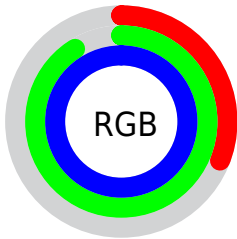
Format	Color
R _Y B	80, 162, 255
Decimal	5302783
CIE Lab	85.61, -33.00, -22.36
CIE LCh	86, 39.860, 214.120
Yxy	67.2033, 0.2268, 0.3019
Android (android.graphics.Color)	4283492863 (0xFF50E9FF)
YUV	189.7610, 32.1628, -96.2604
Hunter-Lab	81.9776, -33.5071, -18.4971

Details

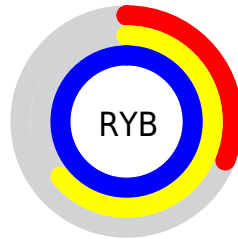
The YUV color **189.7610, 32.1628, -96.2604** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **145.2390, -32.1628, 96.2604**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3060, 15.6251, -65.1664**, and **126.4710, 35.2638, -110.9151** is the 20% darker color. If you saturate the color by 10%, you get **180.5250, 36.7162, -110.0854**, and if you desaturate by 10%, it is **199.2960, 27.4621, -81.8206**.

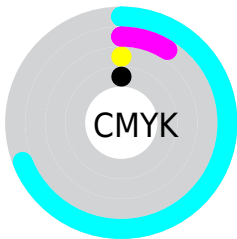
Distribution



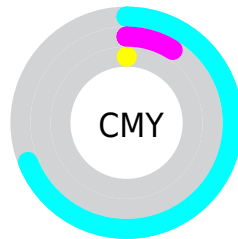
- Red (31%)
- Green (91%)
- Blue (100%)



- Red (31%)
- Yellow (64%)
- Blue (100%)



- Cyan (69%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7610, 32.1628, -96.2604 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 189.7610, 32.1628, -96.2604 by changing the saturation by 10% instead.

189.7610, 32.1628,
-96.2604

189.7610, 32.1628,
-96.2604

255.0000, 0.0000,
0.0000

155.0690, 34.9690,
-109.6855

223.3060, 15.6251,
-65.1664

126.4710, 35.2638,
-110.9151

232.8740, 10.9081,
-45.4935

107.5440, 31.2838,
-94.3161

242.1430, 6.3385,
-26.4354

89.2040, 27.0144,
-78.2319

251.7110, 1.6215,
-6.7625

71.0920, 23.6186,
-62.3477

54.1540, 19.6441,
-47.4931

37.3300, 16.1063,

-32.7384

■ 23.0820, 12.2846,
-20.2429

■ 3.6650, 11.5042,
-3.2142

■ 189.7610, 32.1628,
-96.2604

■ 189.7610, 32.1628,
-96.2604

■ 180.5250, 36.7162,
-110.0854

■ 199.2960, 27.4621,
-81.8206

■ 170.9900, 41.4169,
-124.5252

■ 208.5320, 22.9087,
-67.9956

■ 161.1670, 46.2597,
-137.8355

■ 218.6540, 17.9186,
-54.0706

■ 159.9710, 46.8493,
-140.2946

■ 227.8900, 13.3652,
-40.2455

■ 237.4250, 8.6645,
-25.8057

■ 246.6610, 4.1111,
-11.9807

255.0000, 0.0000,
0.0000

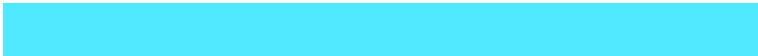
Harmonies

Analogous

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



193.8930, 11.8848, -78.8362



189.7610, 32.1628, -96.2604



195.8070, 29.1821, -73.4987

Triad

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



189.7610, 32.1628, -96.2604



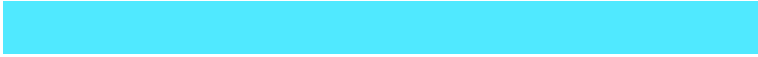
216.0470, 15.7528, 34.1618



211.0280, -36.0028, 21.0234

Complementary

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



189.7610, 32.1628, -96.2604



145.2390, -32.1628, 96.2604

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.



210.4030, -31.2577, 39.1116



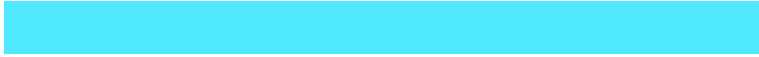
189.7610, 32.1628, -96.2604



208.7800, 0.6015, 40.5349

Square

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



189.7610, 32.1628, -96.2604



215.2180, 19.6125, 9.4558



207.0240, -16.2808, 42.0750



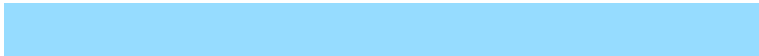
206.5940, -27.9008, -11.0449

Rectangle

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



189.7610, 32.1628, -96.2604



203.0600, 25.6064, -46.5336



207.0240, -16.2808, 42.0750



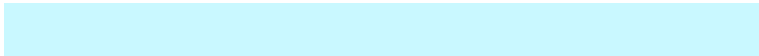
212.3820, -36.1773, 30.3600

Sweetspot

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



189.7610, 32.1628, -96.2604



234.7450, 9.9857, -29.5944



185.0050, -41.9075, -92.0894



115.4970, 6.1640, -17.0989



0.0000, 0.0000, 0.0000



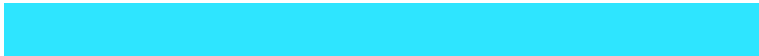
128.0000, 0.0000, 0.0000

Same Dimension

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



189.7610, 32.1628, -96.2604



177.2470, 38.3322, -115.1036



139.2790, 57.0505, -51.9877



122.9390, 2.4951, -6.9625



119.8030, 35.1001, -105.0672



40.1680, 11.7492, -35.2273

Inverse Universe

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



149.7670, 41.0339, 92.2893



129.3530, 49.1260, 110.1924



195.7210, -57.0505, 51.9877



120.1410, 2.8885, 6.8923



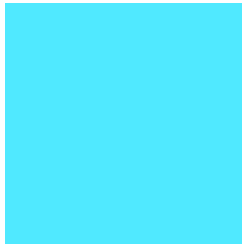
76.1470, 44.7905, 100.7261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 189.7610, 32.1628, -96.2604 looks on a white background.

Color Contrast Check

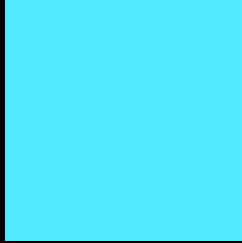
Large Text (above 18pt) WCAG AA × Fail

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 189.7610, 32.1628, -96.2604 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 189.7610, 32.1628, -96.2604 Background



This preview shows how black text looks on a background with the YUV color 189.7610, 32.1628, -96.2604.



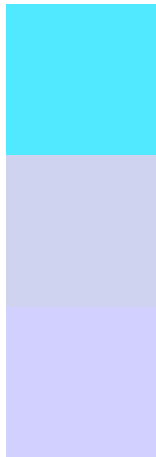
This preview shows how white text looks on a background with the YUV color 189.7610, 32.1628, -96.2604.

-96.2604.

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

189.7610, 32.1628, -96.2604

Protanopia

213.4090, 13.1094, -4.7437

Deuteranopia

213.6570, 20.3821, -4.0842



Tritanopia

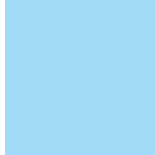
188.8210, 31.1472, -97.1900

Trichromacy



Original Color

189.7610, 32.1628, -96.2604



Protanomaly

204.6220, 19.9064, -38.2565



Deuteranomaly

204.8870, 24.7057, -37.6119



Tritanomaly

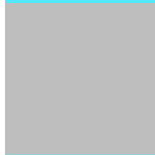
189.2340, 31.4366, -96.6752

Monochromacy



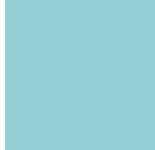
Original Color

189.7610, 32.1628, -96.2604



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.1680, 11.7492, -35.2273

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7610, 32.1628, -96.2604 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(80, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(80, 233, 255)  
}
```

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(80, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 233, 255) }
```

Border

The CSS property to change the border of an element to YUV 189.7610, 32.1628, -96.2604 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(80, 233, 255) }
```


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

```
.border{ border-color:rgb(80, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(80, 233,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 189.7610, 32.1628, -96.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 233, 255) }
```

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

```
.background{ background-color: rgb(80, 233,  
255) }
```

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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