

# Converting Colors

YUV(104.5790, 56.4096,  
107.3632)

Have a look what the booklet for  
YUV(104.5790, 56.4096, 107.3632)  
contains.

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# Color

**YUV(104.5790, 56.4096,  
107.3632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E314DB
RGB	227, 20, 219
RGB Percent	89%, 8%, 86%
CMY	0.1098, 0.9216, 0.1412
CMYK	0.00, 0.91, 0.04, 0.11
HSL	302°, 84%, 48%
HSV	302°, 91%, 89%
XYZ	44.7149, 21.9457, 68.8970
YIQ	104.5790, 59.4930, 105.7730

# Conversions

## Conversions Part 2

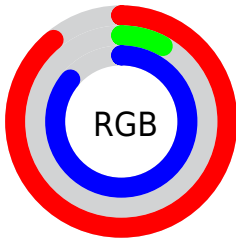
Format	Color
R <sub>Y</sub> B	227, 20, 219
Decimal	14882011
CIE Lab	53.97, 87.28, -51.07
CIE LCh	54, 101.122, 329.669
Yxy	21.9457, 0.3299, 0.1619
Android (android.graphics.Color)	4293072091 (0xFFE314DB)
YUV	104.5790, 56.4096, 107.3632
Hunter-Lab	46.8462, 88.3981, -54.4058

# Details

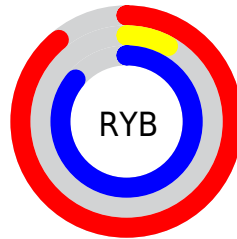
The YUV color **104.5790, 56.4096, 107.3632** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **142.4210, -56.4096, -107.3632**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **68.5150, 46.5811, 86.3713** is the 20% darker color. If you saturate the color by 10%, you get **92.7250, 61.7606, 117.7592**, and if you desaturate by 10%, it is **118.1940, 50.1904, 95.4229**.

# Distribution



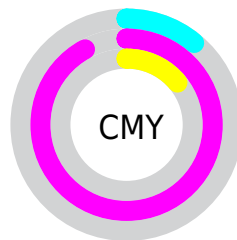
- Red (89%)
- Green (8%)
- Blue (86%)



- Red (89%)
- Yellow (8%)
- Blue (86%)



- Cyan (0%)
- Magenta (91%)
- Yellow (4%)
- Black (11%)




- Cyan (11%)
- Magenta (92%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 104.5790, 56.4096, 107.3632 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 104.5790, 56.4096, 107.3632 by changing the saturation by 10% instead.




 104.5790, 56.4096,  
107.3632


 104.5790, 56.4096,  
107.3632


255.0000, 0.0000,  
0.0000


 80.6770, 54.3892,  
102.0153


 165.7760, 43.9874,  
78.2494


 68.5150, 46.5811,  
86.3713


 183.9730, 35.0163,  
62.2907

 56.4670, 39.2098,  
70.6274


 202.1700, 26.0452,  
46.3319

 44.8320, 32.1278,  
55.3983

 219.7800, 17.3635,  
30.8879

 33.6100, 25.3353,  
40.6840

 237.3900, 8.6817,  
15.4440

 22.2030, 19.1269,  
25.2550

 9.1160, 14.2398,

6.0373

■ 2.1830, 5.8258,  
-1.9145

■ 0.0000, 0.0000,  
0.0000

■ 104.5790, 56.4096,  
107.3632

■ 104.5790, 56.4096,  
107.3632

■ 92.7250, 61.7606,  
117.7592

■ 118.1940, 50.1904,  
95.4229

■ 131.2220, 44.2606,  
83.9973

■ 144.8370, 38.0414,  
72.0570

■ 158.4520, 31.8222,  
60.1166

■ 171.9530, 25.1662,  
48.2762

■ 184.9810, 19.2364,  
36.8507

■ 198.5960, 13.0172,  
24.9103

■ 212.2110, 6.7980,  
12.9700

■ 225.2390, 0.8682,  
1.5444

# Harmonies

## Analogous

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



119.7080, 66.6990, -19.9149



104.5790, 56.4096, 107.3632



91.5210, 20.9421, 143.3711

# Triad

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



104.5790, 56.4096, 107.3632



121.2040, -59.7536, 32.2701



120.0770, 46.3040, -105.3075

# Complementary

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



104.5790, 56.4096, 107.3632



142.4210, -56.4096, -107.3632

# 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.



109.4580, 8.1552, -95.9947



104.5790, 56.4096, 107.3632



106.3110, -52.4113, -36.2297

# Square

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



104.5790, 56.4096, 107.3632



115.9850, -57.1806, 93.8522



95.2540, -36.1142, -83.5378



122.4030, 65.3703, -107.3474



# Rectangle

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



104.5790, 56.4096, 107.3632



85.0230, -3.9553, 149.0698



95.2540, -36.1142, -83.5378



116.8850, 34.0737, -102.5081

# Sweetspot

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



104.5790, 56.4096, 107.3632



214.1550, 18.6576, 35.8211



45.6910, 89.3853, -16.3920



103.7050, 10.9914, 21.3067



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.



104.5790, 56.4096, 107.3632



104.1750, 69.4267, 132.2735



92.9510, 11.8562, 117.5610



107.8420, 3.0359, 6.2776



73.1290, 48.7434, 92.8489



20.8350, 13.8853, 26.4547



# Inverse Universe

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



104.5790, 56.4096, 107.3632



104.1750, 69.4267, 132.2735



154.0490, -11.8562, -117.5610



107.8420, 3.0359, 6.2776



73.1290, 48.7434, 92.8489



20.8350, 13.8853, 26.4547



# Previews

## White Background



This preview shows how the YUV color 104.5790, 56.4096, 107.3632 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

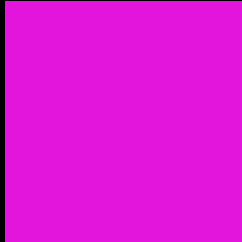
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 104.5790, 56.4096, 107.3632 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

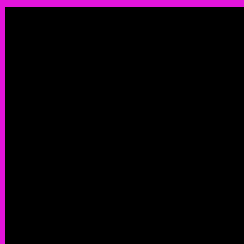
Any Text WCAG AA ✓ Pass

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 104.5790, 56.4096, 107.3632 Background



This preview shows how black text looks on a background with the YUV color 104.5790, 56.4096, 107.3632.



This preview shows how white text looks on a background with the YUV color 104.5790, 56.4096, 107.3632.



# 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

104.5790, 56.4096, 107.3632

### Protanopia

116.7860, 68.1395, -62.0793

### Deuteranopia

125.8070, 39.5351, -34.0337



## Tritanopia

125.6570, -16.0999, 77.4768

# Trichromacy



## Original Color

104.5790, 56.4096, 107.3632



## Protanomaly

112.1450, 64.0185, -0.1272



## Deuteranomaly

118.1460, 45.7770, 17.4120



## Tritanomaly

118.3080, 10.2012, 88.3069

# Monochromacy



## Original Color

104.5790, 56.4096, 107.3632



## Achromatopsia

105.0000, 0.0000, 0.0000



## Achromatomaly

104.6330, 20.3939, 38.9099

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.5790, 56.4096, 107.3632 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(227, 20, 219)` looks like.

```
.text, #text, p{  
    color:rgb(227, 20, 219)  
}
```

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(227, 20, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 20, 219) }
```

## Border

The CSS property to change the border of an element to YUV 104.5790, 56.4096, 107.3632 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(227, 20, 219) }
```



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

```
.border{ border-color:rgb(227, 20, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 20, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 20, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 20, 219);  
box-shadow:4px 4px 4px 4px rgb(227, 20,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 104.5790, 56.4096, 107.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 20, 219) }
```

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

```
.background{ background-color: rgb(227, 20,  
219) }
```

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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