

Converting Colors

YUV(112.8390, 58.7464,
104.5042)

Have a look what the booklet for
YUV(112.8390, 58.7464, 104.5042)
contains.

YUV(112.8390, 58.7464, 104.5042)	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(112.8390, 58.7464,
104.5042)**

Conversions

Conversions Part 1

Format	Color
Hex	E81DE8
RGB	232, 29, 232
RGB Percent	91%, 11%, 91%
CMY	0.0902, 0.8863, 0.0902
CMYK	0.00, 0.88, 0.00, 0.09
HSL	300°, 82%, 51%
HSV	300°, 88%, 91%
XYZ	48.2836, 23.8607, 78.4047
YIQ	112.8390, 55.8250, 106.1690

Conversions

Conversions Part 2

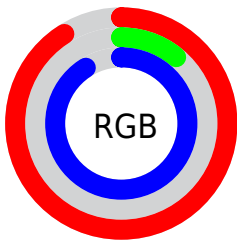
Format	Color
R _{YB}	232, 29, 232
Decimal	15212008
CIE Lab	55.95, 88.83, -55.21
CIE LCh	56, 104.595, 328.137
Yxy	23.8607, 0.3207, 0.1585
Android (android.graphics.Color)	4293402088 (0xFFE81DE8)
YUV	112.8390, 58.7464, 104.5042
Hunter-Lab	48.8474, 90.9564, -60.9727

Details

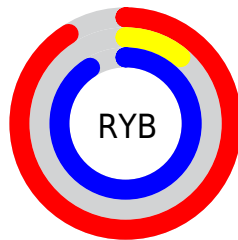
The YUV color **112.8390, 58.7464, 104.5042** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **148.1610, -58.7464, -104.5042**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 42.8299, 76.1903**, and **71.0790, 51.2331, 87.6307** is the 20% darker color. If you saturate the color by 10%, you get **99.3380, 65.4024, 116.3446**, and if you desaturate by 10%, it is **126.3400, 52.0904, 92.6638**.

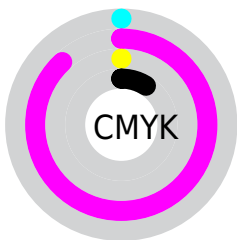
Distribution



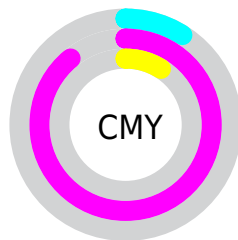
- Red (91%)
- Green (11%)
- Blue (91%)



- Red (91%)
- Yellow (11%)
- Blue (91%)



- Cyan (0%)
- Magenta (88%)
- Yellow (0%)
- Black (9%)




- Cyan (9%)
- Magenta (89%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.8390, 58.7464, 104.5042 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 112.8390, 58.7464, 104.5042 by changing the saturation by 10% instead.


 112.8390, 58.7464,
104.5042


 112.8390, 58.7464,
104.5042


255.0000, 0.0000,
0.0000


 83.5400, 58.8938,
103.8894


 168.1240, 42.8299,
76.1903


 71.0790, 51.2331,
87.6307


 186.9080, 33.5694,
59.7167


 59.3300, 43.7143,
72.5016


 204.5180, 24.8876,
44.2727

 47.3960, 36.7798,
56.6577

 222.7150, 15.9165,
28.3139

 35.7610, 29.6978,
41.4286

 240.3250, 7.2348,
12.8700

 24.5390, 22.9053,
26.7143

 12.3490, 17.5759,

9.3409

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 112.8390, 58.7464,
104.5042

■ 112.8390, 58.7464,
104.5042

■ 99.3380, 65.4024,
116.3446

■ 126.3400, 52.0904,
92.6638

■ 95.8160, 67.1387,
119.4334

■ 139.8410, 45.4344,
80.8234

■ 153.9290, 38.4890,
68.4683

■ 167.4300, 31.8330,
56.6279

180.9310, 25.1770,
44.7875

194.4320, 18.5210,
32.9471

207.9330, 11.8650,
21.1068

222.0210, 4.9196,
8.7516

235.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



120.2290, 66.4421, -30.8958



112.8390, 58.7464, 104.5042



92.6610, 25.3101, 142.3713

Triad

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



112.8390, 58.7464, 104.5042



125.9550, -62.0958, 36.8735



124.7560, 46.4623, -109.4110

Complementary

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



112.8390, 58.7464, 104.5042



148.1610, -58.7464, -104.5042

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.



112.9800, 6.4189, -99.0835



112.8390, 58.7464, 104.5042



111.9370, -55.1849, -33.2707

Square

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



112.8390, 58.7464, 104.5042



119.5730, -58.9495, 101.2295



97.2940, -43.5289, -85.3268



126.5120, 63.3446, -110.9510

Rectangle

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



112.8390, 58.7464, 104.5042



85.9350, -0.4610, 148.2700



97.2940, -43.5289, -85.3268



121.3360, 33.3584, -106.4117

Sweetspot

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



112.8390, 58.7464, 104.5042



216.2580, 19.0998, 33.9767



52.1420, 88.6700, -20.2955



104.5200, 11.5756, 20.5920



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.



112.8390, 58.7464, 104.5042



105.3150, 73.7947, 131.2737



101.3250, 14.6298, 114.6020



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Inverse Universe

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



112.8390, 58.7464, 104.5042



105.3150, 73.7947, 131.2737



159.7890, -14.1930, -114.7020



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 112.8390, 58.7464, 104.5042 looks on a white background.

Color Contrast Check

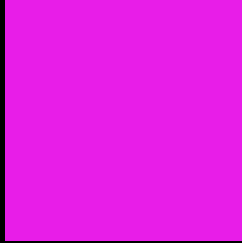
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.8390, 58.7464, 104.5042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

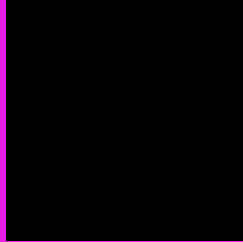
Any Text WCAG AA ✓ Pass

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 112.8390, 58.7464, 104.5042 Background



This preview shows how black text looks on a background with the YUV color 112.8390, 58.7464, 104.5042.



This preview shows how white text looks on a background with the YUV color 112.8390, 58.7464, 104.5042.

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

112.8390, 58.7464, 104.5042

Protanopia

124.8040, 64.1866, -54.2021

Deuteranopia

128.9140, 43.9194, -40.2666



Tritanopia

131.7600, -15.6577, 75.6325

Trichromacy



Original Color

112.8390, 58.7464, 104.5042



Protanomaly

120.4120, 62.4079, 3.1467



Deuteranomaly

122.7370, 49.4297, 12.5087



Tritanomaly

124.6390, 11.5170, 86.2626

Monochromacy



Original Color

112.8390, 58.7464, 104.5042



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.5620, 21.4149, 38.0951

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8390, 58.7464, 104.5042 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(232, 29, 232)` looks like.

```
.text, #text, p{  
    color:rgb(232, 29, 232)  
}
```

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(232, 29, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 29, 232) }
```

Border

The CSS property to change the border of an element to YUV 112.8390, 58.7464, 104.5042 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(232, 29, 232) }
```


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

```
.border{ border-color:rgb(232, 29, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 29, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 29, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 29, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 29,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 112.8390, 58.7464, 104.5042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 29, 232) }
```

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

```
.background{ background-color: rgb(232, 29,  
232) }
```

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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