

Converting Colors

YUV(160.6690, 32.7012,
58.1723)

Have a look what the booklet for
YUV(160.6690, 32.7012, 58.1723)
contains.

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Color

**YUV(160.6690, 32.7012,
58.1723)**

Conversions

Conversions Part 1

Format	Color
Hex	E372E3
RGB	227, 114, 227
RGB Percent	89%, 45%, 89%
CMY	0.1098, 0.5529, 0.1098
CMYK	0.00, 0.50, 0.00, 0.11
HSL	300°, 67%, 67%
HSV	300°, 50%, 89%
XYZ	51.5610, 33.9116, 76.5011
YIQ	160.6690, 31.0750, 59.0990

Conversions

Conversions Part 2

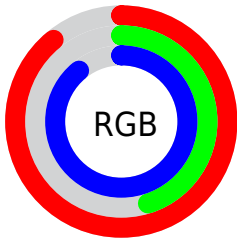
Format	Color
R _{YB}	227, 114, 227
Decimal	14906083
CIE Lab	64.89, 59.11, -38.33
CIE LCh	65, 70.451, 327.038
Yxy	33.9116, 0.3183, 0.2094
Android (android.graphics.Color)	4293096163 (0xFFE372E3)
YUV	160.6690, 32.7012, 58.1723
Hunter-Lab	58.2336, 56.1379, -37.1252

Details

The YUV color **160.6690, 32.7012, 58.1723** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **180.3310, -32.7012, -58.1723**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1050, 24.5982, 43.7579**, and **104.0710, 32.9960, 56.9427** is the 20% darker color. If you saturate the color by 10%, you get **147.1680, 39.3572, 70.0127**, and if you desaturate by 10%, it is **174.1700, 26.0452, 46.3319**.

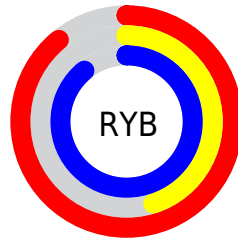
Distribution



Red (89%)

Green (45%)

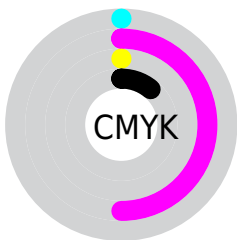
Blue (89%)



Red (89%)

Yellow (45%)

Blue (89%)

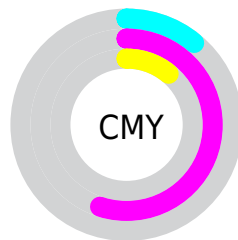


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (55%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.6690, 32.7012, 58.1723 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 160.6690, 32.7012, 58.1723 by changing the saturation by 10% instead.


 160.6690, 32.7012,
58.1723


 160.6690, 32.7012,
58.1723


255.0000, 0.0000,
0.0000


 132.9570, 32.5592,
57.0427


 205.1050, 24.5982,
43.7579


 104.0710, 32.9960,
56.9427


 221.5410, 16.4953,
29.3435

 73.8370, 34.5904,
58.9020

 238.5640, 8.1029,
14.4144

 47.2390, 34.8852,
57.6724

 36.3160, 27.9452,
43.5729

 25.8060, 21.2946,
29.9881

 15.7090, 14.9335,

16.9182

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 160.6690, 32.7012,
58.1723

■ 160.6690, 32.7012,
58.1723

■ 147.1680, 39.3572,
70.0127

■ 174.1700, 26.0452,
46.3319

■ 134.2540, 45.7238,
81.3382

■ 187.0840, 19.6786,
35.0063

■ 120.7530, 52.3798,
93.1786

■ 200.5850, 13.0226,
23.1660

■ 107.2520, 59.0358,
105.0190

■ 214.0860, 6.3666,
11.3256

■ 94.3380, 65.4024,
116.3446

■ 227.5870, -0.2894,
-0.5148

■ 93.7510, 65.6918,
116.8594

■ 240.5010, -6.6560,
-11.8404

■ 243.4360, -8.1029,
-14.4144

Harmonies

Analogous

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



156.0670, 48.7740, -10.5828



160.6690, 32.7012, 58.1723



149.7600, 8.0063, 92.2955

Triad

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



160.6690, 32.7012, 58.1723



146.9310, -72.4370, 40.4025



133.4640, 39.2112, -117.0479

Complementary

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



160.6690, 32.7012, 58.1723



180.3310, -32.7012, -58.1723

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.



126.1680, 11.2562, -110.6493



160.6690, 32.7012, 58.1723



142.5810, -58.4604, -9.2795

Square

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



160.6690, 32.7012, 58.1723



151.7810, -51.1640, 77.3681



121.9170, -18.2001, -89.3812



135.3170, 59.0037, -118.6730

Rectangle

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



160.6690, 32.7012, 58.1723



146.1460, -10.9180, 95.4650



121.9170, -18.2001, -89.3812



131.7710, 30.1859, -115.5632

Sweetspot

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



160.6690, 32.7012, 58.1723



232.6940, 10.9969, 19.5624



126.8820, 49.3582, -11.2975



114.4990, 6.6560, 11.8404



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.



160.6690, 32.7012, 58.1723



165.1890, 44.2768, 78.7642



154.2850, 8.2405, 63.7711



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.



160.6690, 32.7012, 58.1723



165.1890, 44.2768, 78.7642



186.8290, -7.8037, -63.8710



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 160.6690, 32.7012, 58.1723 looks on a white background.

Color Contrast Check

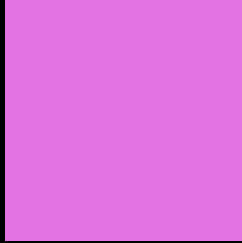
Large Text (above 18pt) WCAG AA × Fail

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 160.6690, 32.7012, 58.1723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

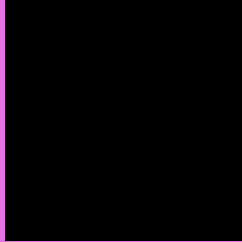
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.6690, 32.7012, 58.1723

Background



This preview shows how black text looks on a background with the YUV color 160.6690, 32.7012, 58.1723.



This preview shows how white text looks on a background with the YUV color 160.6690, 32.7012,

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

160.6690, 32.7012, 58.1723

Protanopia

155.3370, 49.1339, -32.7445

Deuteranopia

157.6150, 30.7558, -18.0794



Tritanopia

159.9570, -7.8668, 50.0267

Trichromacy



Original Color

160.6690, 32.7012, 58.1723



Protanomaly

157.3520, 43.2105, 0.5683



Deuteranomaly

159.0190, 31.5426, 9.6303



Tritanomaly

160.4640, 6.6732, 53.0901

Monochromacy



Original Color

160.6690, 32.7012, 58.1723



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

160.9330, 11.8650, 21.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.6690, 32.7012, 58.1723 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, 114, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 114, 227)  
}
```

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, 114, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 114, 227) }
```

Border

The CSS property to change the border of an element to YUV 160.6690, 32.7012, 58.1723 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, 114, 227) }
```


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

```
.border{ border-color:rgb(227, 114, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 114, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 114, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 114, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 114,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 160.6690, 32.7012, 58.1723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 114, 227) }
```

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

```
.background{ background-color: rgb(227,  
114, 227) }
```

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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