

Converting Colors

YUV(108.6280, -18.5506,
116.9672)

Have a look what the booklet for
YUV(108.6280, -18.5506, 116.9672)
contains.

YUV(108.6280, -18.5506, 116.9672)	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(108.6280, -18.5506,
116.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	F23047
RGB	242, 48, 71
RGB Percent	95%, 19%, 28%
CMY	0.0510, 0.8118, 0.7216
CMYK	0.00, 0.80, 0.71, 0.05
HSL	353°, 88%, 57%
HSV	353°, 80%, 95%
XYZ	38.8122, 21.4461, 8.0551
YIQ	108.6280, 108.2410, 48.2810

Conversions

Conversions Part 2

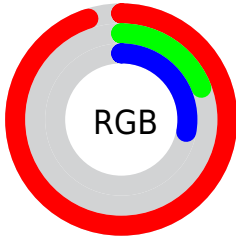
Format	Color
R_{YB}	242, 48, 71
Decimal	15872071
CIE _{Lab}	53.43, 71.66, 35.76
CIE _{LCh}	53, 80.087, 26.516
Yxy	21.4461, 0.5681, 0.3139
Android (android.graphics.Color)	4294062151 (0xFFFF23047)
YUV	108.6280, -18.5506, 116.9672
Hunter-Lab	46.3099, 68.5581, 22.1041

Details

The YUV color **108.6280, -18.5506, 116.9672** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **181.3720, 18.5506, -116.9672**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1420, -18.3110, 86.6985**, and **56.1150, -13.8607, 106.0161** is the 20% darker color. If you saturate the color by 10%, you get **92.1460, -20.7780, 131.4220**, and if you desaturate by 10%, it is **125.1100, -16.3232, 102.5125**.

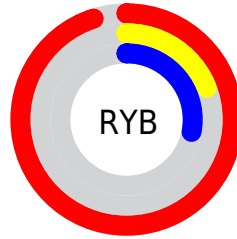
Distribution



Red (95%)

Green (19%)

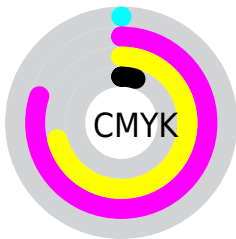
Blue (28%)



Red (95%)

Yellow (19%)

Blue (28%)

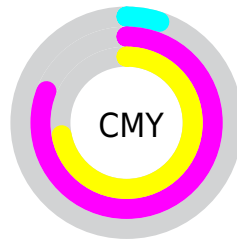


Cyan (0%)

Magenta (80%)

Yellow (71%)

Black (5%)



Cyan (5%)

Magenta (81%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.6280, -18.5506, 116.9672 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 108.6280, -18.5506, 116.9672 by changing the saturation by 10% instead.

■ 108.6280,
-18.5506, 116.9672

■ 108.6280,
-18.5506, 116.9672

255.0000, 0.0000,
0.0000

■ 68.3760, -9.5524,
124.2042

■ 156.1420,
-18.3110, 86.6985

■ 56.1150, -13.8607,
106.0161

■ 176.7160,
-15.6360, 68.6551

■ 44.2240, -19.3374,
89.2576

■ 196.8170,
-12.2348, 51.0265

■ 34.0860, -16.8044,
70.0846

■ 217.5050, -9.1230,
32.8831

■ 25.1590, -10.9244,
50.7266

■ 238.3070, -5.5744,
14.6398

■ 15.7760, -6.7916,
31.7684

■ 0.2990, -0.1474,

0.6148

■ 0.0000, 0.0000,
0.0000

■ 108.6280,
-18.5506, 116.9672

■ 108.6280,
-18.5506, 116.9672

■ 92.1460, -20.7780,
131.4220

■ 125.1100,
-16.3232, 102.5125

■ 75.6640, -23.0054,
145.8767

■ 141.7060,
-13.6591, 87.9578

■ 158.7750,
-11.7211, 72.9883

■ 175.2570, -9.4937,
58.5336

■ 191.8530, -6.8295,
43.9789

208.3350, -4.6022,
29.5242

224.8170, -2.3748,
15.0695

242.0000, 0.0000,
0.0000

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



104.3410, 17.0869, 119.8499



108.6280, -18.5506, 116.9672



116.8050, -57.5849, 83.4860

Triad

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



108.6280, -18.5506, 116.9672



94.0120, -25.6419, -82.4485



110.6630, 71.1581, -97.0515

Complementary

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



108.6280, -18.5506, 116.9672



181.3720, 18.5506, -116.9672

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.



117.5130, 61.8651, -103.0589



108.6280, -18.5506, 116.9672



104.9100, 5.9604, -92.0061

Square

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



108.6280, -18.5506, 116.9672



111.1720, -54.8078, -14.1828



113.5910, 36.6836, -99.6193



124.4750, 63.3628, -23.2186

Rectangle

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



108.6280, -18.5506, 116.9672



120.1510, -59.2344, 52.4876



113.5910, 36.6836, -99.6193



114.1850, 69.4218, -100.1402

Sweetspot

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



108.6280, -18.5506, 116.9672



213.0370, -5.9342, 36.8016



120.3480, 59.9744, 83.8868



102.5190, -3.7069, 22.3468



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.



108.6280, -18.5506, 116.9672



86.5610, -23.4476, 147.7210



147.6830, -49.1437, 82.7160



111.7020, -1.3321, 7.2773



57.5240, -17.5133, 110.9195



17.5420, -5.1972, 33.7277

Inverse Universe

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



108.6280, -18.5506, 116.9672



86.5610, -23.4476, 147.7210



142.3170, 49.1437, -82.7160



111.7020, -1.3321, 7.2773



57.5240, -17.5133, 110.9195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 108.6280, -18.5506, 116.9672 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 108.6280, -18.5506, 116.9672 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 108.6280, -18.5506, 116.9672 Background



This preview shows how black text looks on a background with the YUV color 108.6280, -18.5506, 116.9672.



This preview shows how white text looks on a background with the YUV color 108.6280, -18.5506, 116.9672.

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

108.6280, -18.5506, 116.9672

Protanopia

127.3850, -13.9938, 8.4324

Deuteranopia

125.6960, -32.3881, 28.3306



Tritanopia

108.5110, -27.8599, 116.1929

Trichromacy



Original Color

108.6280, -18.5506, 116.9672

Protanomaly

120.5840, -15.5709, 47.7228

Deuteranomaly

119.5720, -27.3970, 60.8884

Tritanomaly

108.7220, -24.5129, 116.0078

Monochromacy



Original Color

108.6280, -18.5506, 116.9672

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8420, -6.8241, 42.2346

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.6280, -18.5506, 116.9672 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(242, 48, 71)` looks like.

```
.text, #text, p{  
    color:rgb(242, 48, 71)  
}
```

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(242, 48, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 48, 71) }
```

Border

The CSS property to change the border of an element to YUV 108.6280, -18.5506, 116.9672 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(242, 48, 71) }
```


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

```
.border{ border-color:rgb(242, 48, 71) }
```

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

Here you see how a box with a 4 pixel rgb(242, 48, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 48, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 48, 71);  
box-shadow:4px 4px 4px 4px rgb(242, 48,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 108.6280, -18.5506, 116.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 48, 71) }
```

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

```
.background{ background-color: rgb(242, 48,  
71) }
```

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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