

Converting Colors

YUV(100.0420, -6.4297,
102.5722)

Have a look what the booklet for
YUV(100.0420, -6.4297, 102.5722)
contains.

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Color

**YUV(100.0420, -6.4297,
102.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	D92B57
RGB	217, 43, 87
RGB Percent	85%, 17%, 34%
CMY	0.1490, 0.8314, 0.6588
CMYK	0.00, 0.80, 0.60, 0.15
HSL	345°, 70%, 51%
HSV	345°, 80%, 85%
XYZ	31.1994, 17.1676, 10.6861
YIQ	100.0420, 89.5800, 50.5720

Conversions

Conversions Part 2

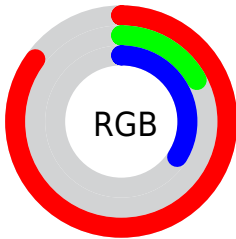
Format	Color
RYB	217, 43, 87
Decimal	14232407
CIELab	48.47, 67.02, 18.90
CIElCh	48, 69.635, 15.751
Yxy	17.1676, 0.5283, 0.2907
Android (android.graphics.Color)	4292422487 (0xFFD92B57)
YUV	100.0420, -6.4297, 102.5722
Hunter-Lab	41.4338, 61.9005, 13.7123

Details

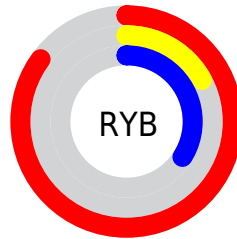
The YUV color **100.0420, -6.4297, 102.5722** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **159.9580, 6.4297, -102.5722**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9710, -8.8597, 88.6024**, and **51.1330, -4.5026, 91.0914** is the 20% darker color. If you saturate the color by 10%, you get **85.3040, -7.0519, 115.4974**, and if you desaturate by 10%, it is **114.7800, -5.8075, 89.6469**.

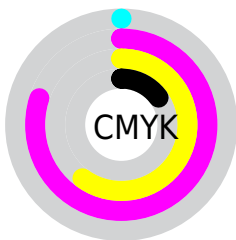
Distribution



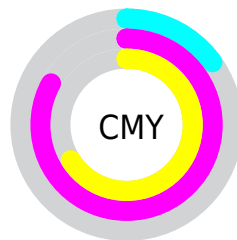
- Red (85%)
- Green (17%)
- Blue (34%)



- Red (85%)
- Yellow (17%)
- Blue (34%)



- Cyan (0%)
- Magenta (80%)
- Yellow (60%)
- Black (15%)



- Cyan (15%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0420, -6.4297, 102.5722 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 100.0420, -6.4297, 102.5722 by changing the saturation by 10% instead.

■ 100.0420, -6.4297,
102.5722

■ 100.0420, -6.4297,
102.5722

255.0000, 0.0000,
0.0000

■ 62.9100, 0.5374,
107.9499

■ 153.9710, -8.8597,
88.6024

■ 51.1330, -4.5026,
91.0914

■ 174.6590, -5.7479,
70.4591

■ 39.6980, -8.2321,
73.9329

■ 194.7600, -2.3467,
52.8305

■ 28.2200, -13.4195,
57.6891

■ 214.8610, 1.0545,
35.2019

■ 19.7770, -8.2711,
39.6606

■ 235.1900, 5.3293,
17.3734

■ 9.3830, -4.1328,
18.9581

253.8260, 0.5788,

■ 0.0000, 0.0000,

1.0296

0.0000

■ 100.0420, -6.4297,
102.5722

■ 100.0420, -6.4297,
102.5722

■ 85.3040, -7.0519,
115.4974

■ 114.7800, -5.8075,
89.6469

■ 71.1530, -7.9634,
127.9078

■ 128.9310, -4.8960,
77.2365

■ 143.7830, -3.8370,
64.2113

■ 158.5210, -3.2149,
51.2861

■ 172.6720, -2.3033,
38.8757

■ 187.4100, -1.6811,
25.9504

■ 202.1480, -1.0590,
13.0252

■ 217.0000, 0.0000,
0.0000

■ 231.1510, 0.9116,
-12.4104

Harmonies

Analogous

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



106.7020, 19.3739, 86.2073



100.0420, -6.4297, 102.5722



106.0710, -37.5030, 82.3757

Triad

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



100.0420, -6.4297, 102.5722



88.2670, -35.6276, -52.8542



102.5300, 62.8427, -89.9188

Complementary

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



100.0420, -6.4297, 102.5722



159.9580, 6.4297, -102.5722

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.



104.2790, 46.6975, -91.4527



100.0420, -6.4297, 102.5722



91.1690, -3.5343, -79.9552

Square

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



100.0420, -6.4297, 102.5722



104.8030, -51.6679, 5.4348



99.4110, 22.9684, -87.1834



91.9640, 68.0517, -80.6524

Rectangle

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



100.0420, -6.4297, 102.5722



107.5140, -53.0044, 60.9392



99.4110, 22.9684, -87.1834



104.0800, 58.6276, -91.2782

Sweetspot

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



100.0420, -6.4297, 102.5722



213.9490, -2.4399, 36.0017



101.1080, 57.1348, 61.2953



103.0890, -1.5229, 21.8469



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.



100.0420, -6.4297, 102.5722



90.3230, -9.0332, 144.4217



119.0930, -37.5138, 85.8644



102.5170, -0.7479, 6.5626



56.7430, -6.2823, 101.9574



15.1220, -1.5391, 27.0800

Inverse Universe

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



100.0420, -6.4297, 102.5722



90.3230, -9.0332, 144.4217



140.9070, 37.5138, -85.8644



102.5170, -0.7479, 6.5626



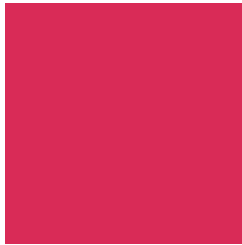
56.7430, -6.2823, 101.9574



15.1220, -1.5391, 27.0800

Previews

White Background



This preview shows how the YUV color 100.0420, -6.4297, 102.5722 looks on a white 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

Black Background



This preview shows how the YUV color 100.0420, -6.4297, 102.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

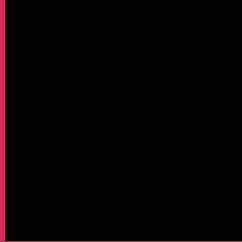
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.0420, -6.4297, 102.5722

Background



This preview shows how black text looks on a background with the YUV color 100.0420, -6.4297, 102.5722.



This preview shows how white text looks on a background with the YUV color 100.0420, -6.4297,

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

100.0420, -6.4297, 102.5722

Protanopia

116.1680, 1.8892, 0.7297

Deuteranopia

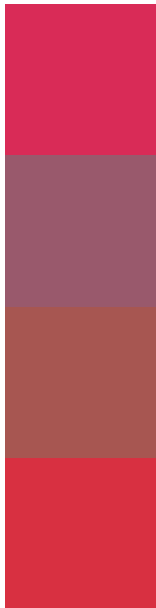
115.6100, -18.5417, 20.5130



Tritanopia

100.5630, -23.4486, 101.2382

Trichromacy



Original Color

100.0420, -6.4297, 102.5722

Protanomaly

110.3020, -1.1349, 37.4461

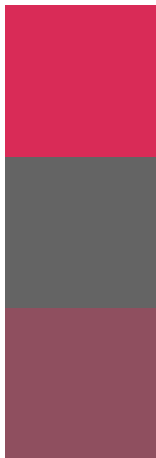
Deuteranomaly

109.6490, -14.1240, 50.2968

Tritanomaly

100.1700, -17.3388, 101.5829

Monochromacy



Original Color

100.0420, -6.4297, 102.5722

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9600, -2.4453, 37.7461

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0420, -6.4297, 102.5722 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(217, 43, 87)` looks like.

```
.text, #text, p{  
    color:rgb(217, 43, 87)  
}
```

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(217, 43, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 43, 87) }
```

Border

The CSS property to change the border of an element to YUV 100.0420, -6.4297, 102.5722 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(217, 43, 87) }
```


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

```
.border{ border-color:rgb(217, 43, 87) }
```

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

Here you see how a box with a 4 pixel rgb(217, 43, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 43, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 43, 87);  
box-shadow:4px 4px 4px 4px rgb(217, 43,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 100.0420, -6.4297, 102.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 43, 87) }
```

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

```
.background{ background-color: rgb(217, 43,  
87) }
```

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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