

Converting Colors

YUV(59.6500, 20.8786,
-23.3720)

Have a look what the booklet for
YUV(59.6500, 20.8786, -23.3720)
contains.

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Color

**YUV(59.6500, 20.8786,
-23.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	214166
RGB	33, 65, 102
RGB Percent	13%, 25%, 40%
CMY	0.8706, 0.7451, 0.6000
CMYK	0.68, 0.36, 0.00, 0.60
HSL	212°, 51%, 26%
HSV	212°, 68%, 40%
XYZ	4.9158, 5.0632, 13.2886
YIQ	59.6500, -30.9490, 4.7230

Conversions

Conversions Part 2

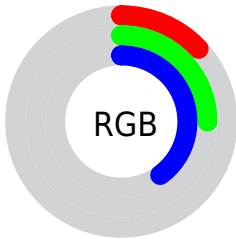
Format	Color
R_{YB}	33, 55, 102
Decimal	2179430
CIE _{Lab}	26.91, 1.31, -25.22
CIE _{LCh}	27, 25.250, 272.984
Yxy	5.0632, 0.2113, 0.2176
Android (android.graphics.Color)	4280369510 (0xFF214166)
YUV	59.6500, 20.8786, -23.3720
Hunter-Lab	22.5016, -0.3823, -19.2632




Details

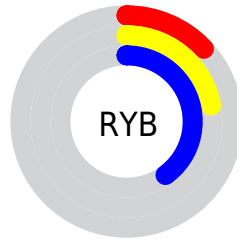
The YUV color **59.6500, 20.8786, -23.3720** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **75.3500, -20.8785, 23.3721**, and the grayscale version is **59.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **109.1880, 21.5993, -21.2129**, and **19.7710, 17.3679, -17.3392** is the 20% darker color. If you saturate the color by 10%, you get **53.7250, 23.7996, -26.9458**, and if you desaturate by 10%, it is **65.5750, 17.9575, -19.7983**.

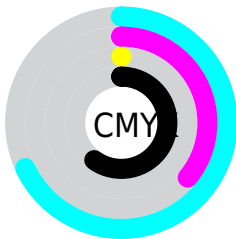
Distribution







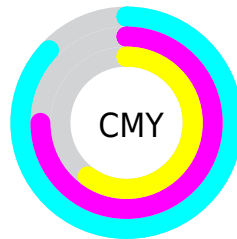
-  Red (13%)
-  Green (25%)
-  Blue (40%)






-  Red (13%)
-  Yellow (22%)
-  Blue (40%)



-  Cyan (68%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (87%)
-  Magenta (75%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6500, 20.8786, -23.3720 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 59.6500, 20.8786, -23.3720 by changing the saturation by 10% instead.

■ 59.6500, 20.8786,
-23.3720

■ 59.6500, 20.8786,
-23.3720

■ 255.0000, 0.0000,
0.0000

■ 34.1330, 21.6264,
-29.9346

■ 109.1880, 21.5993,
-21.2129

■ 19.7710, 17.3679,
-17.3392

■ 134.7150, 22.3255,
-20.7981

■ 4.9360, 13.8356,
-4.3289

■ 161.2420, 23.0517,
-20.3832

■ 0.6840, 2.6208,
-0.5999

■ 188.3560, 23.4885,
-20.4832

■ 0.0000, 0.0000,
0.0000

■ 215.3300, 19.5573,
-19.5834

■ 240.1380, 7.3270,

-16.7840

253.5050, 0.7370,
-3.0739

59.6500, 20.8786,
-23.3720

59.6500, 20.8786,
-23.3720

53.7250, 23.7996,
-26.9458

65.5750, 17.9575,
-19.7983

47.2130, 27.0100,
-30.0048

72.0870, 14.7471,
-16.7393

40.9890, 30.0784,
-34.1934

78.3110, 11.6787,
-12.5507

39.2170, 30.9520,
-34.3933

84.8230, 8.4683,
-9.4918

90.7480, 5.5472,
-5.9180

■ 97.2600, 2.3368,
-2.8590

■ 103.1850, -0.5842,
0.7148

■ 109.9960, -3.9420,
4.3885

■ 115.9210, -6.8631,
7.9623

Harmonies

Analogous

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



52.2620, 22.5488, -45.8338



59.6500, 20.8786, -23.3720



65.3220, 15.1243, 2.3486

Triad

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



59.6500, 20.8786, -23.3720



63.6680, -9.6963, 30.1092



55.4670, -5.1602, -24.9656

Complementary

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



59.6500, 20.8786, -23.3720



75.3500, -20.8785, 23.3721

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.



59.7700, -14.6766, -5.9373



59.6500, 20.8786, -23.3720



62.7890, -16.6580, 22.9870

Square

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



59.6500, 20.8786, -23.3720



64.2580, -1.1132, 30.4687



61.5440, -18.5092, 10.0469



50.2610, 7.2663, -44.0789

Rectangle

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



59.6500, 20.8786, -23.3720



65.8460, 10.4289, 15.0441



61.5440, -18.5092, 10.0469



57.3000, -8.5289, -17.8031

Sweetspot

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



59.6500, 20.8786, -23.3720



116.1220, 8.3209, -8.8770



77.7210, -3.8065, -39.2203



56.5200, 4.6736, -5.7180



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.6500, 20.8786, -23.3720



66.6620, 32.7046, -36.5376



41.4640, 29.8442, -5.6689



47.7440, 1.6052, -1.5295



44.2210, 34.8940, -38.7818



93.3320, 73.2933, -81.8522

Inverse Universe

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



57.2790, 3.8065, 39.2203



62.9920, 5.9199, 61.3970



93.5360, -29.8442, 5.6689



47.7230, 0.1366, 2.8739



40.4270, 6.1985, 65.4005



85.1260, 13.2489, 137.5785

Previews

White Background



This preview shows how the YUV color 59.6500, 20.8786, -23.3720 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 ✓ Pass

Black Background



This preview shows how the YUV color 59.6500, 20.8786, -23.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

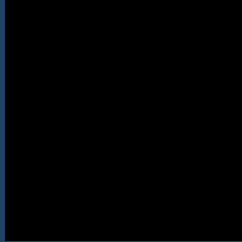
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.6500, 20.8786, -23.3720

Background



This preview shows how black text looks on a background with the YUV color 59.6500, 20.8786, -23.3720.



This preview shows how white text looks on a background with the YUV color 59.6500, 20.8786,

-23.3720.

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

59.6500, 20.8786, -23.3720

Protanopia

62.7440, 18.3672, -11.1765

Deuteranopia

61.4550, 19.9887, -17.9390



Tritanopia

54.2390, 10.7282, -34.4126

Trichromacy



Original Color

59.6500, 20.8786, -23.3720

Protanomaly

61.6510, 19.3991, -15.4799

Deuteranomaly

60.5580, 20.4309, -19.7834

Tritanomaly

56.1840, 14.2063, -29.9794

Monochromacy



Original Color

59.6500, 20.8786, -23.3720

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8940, 7.4473, -8.6770

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6500, 20.8786, -23.3720 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(33, 65, 102)` looks like.

```
.text, #text, p{  
    color:rgb(33, 65, 102)  
}
```

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(33, 65, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 65, 102) }
```

Border

The CSS property to change the border of an element to YUV 59.6500, 20.8786, -23.3720 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(33, 65, 102) }
```


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

```
.border{ border-color:rgb(33, 65, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 65, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 65, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 65, 102);  
box-shadow:4px 4px 4px 4px rgb(33, 65,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 59.6500, 20.8786, -23.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 65, 102) }
```

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

```
.background{ background-color: rgb(33, 65,  
102) }
```

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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