

Converting Colors

YUV(82.1780, 23.5762, -1.9101)

Have a look what the booklet for
YUV(82.1780, 23.5762, -1.9101)
contains.

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Color

**YUV(82.1780, 23.5762,
-1.9101)**

Conversions

Conversions Part 1

Format	Color
Hex	504A82
RGB	80, 74, 130
RGB Percent	31%, 29%, 51%
CMY	0.6863, 0.7098, 0.4902
CMYK	0.38, 0.43, 0.00, 0.49
HSL	246°, 27%, 40%
HSV	246°, 43%, 51%
XYZ	9.7863, 8.2147, 22.1889
YIQ	82.1780, -14.4000, 18.6880

Conversions

Conversions Part 2

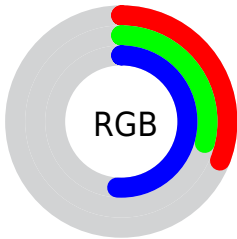
Format	Color
R_{YB}	80, 74, 130
Decimal	5261954
CIE _{Lab}	34.43, 17.00, -30.75
CIE _{LCh}	34, 35.136, 298.927
Yxy	8.2147, 0.2435, 0.2044
Android (android.graphics.Color)	4283452034 (0xFF504A82)
YUV	82.1780, 23.5762, -1.9101
Hunter-Lab	28.6614, 10.7907, -25.8379

Details

The YUV color $[82.1780, 23.5762, -1.9101]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[121.8220, -23.5762, 1.9101]$, and the grayscale version is $[82.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[132.2320, 25.0286, -1.0805]$, and $[35.7000, 21.8399, -4.9989]$ is the 20% darker color. If you saturate the color by 10%, you get $[70.9590, 29.1072, -2.5950]$, and if you desaturate by 10%, it is $[93.3970, 18.0453, -1.2252]$.

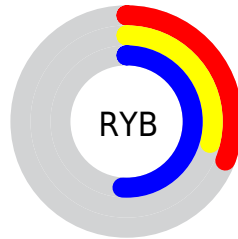
Distribution



Red (31%)

Green (29%)

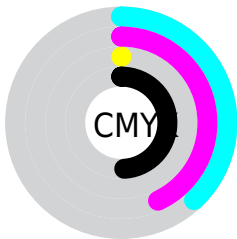
Blue (51%)



Red (31%)

Yellow (29%)

Blue (51%)

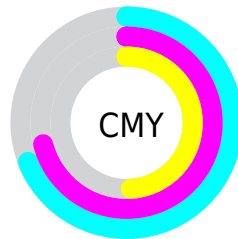


Cyan (38%)

Magenta (43%)

Yellow (0%)

Black (49%)



Cyan (69%)

Magenta (71%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1780, 23.5762, -1.9101 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 82.1780, 23.5762, -1.9101 by changing the saturation by 10% instead.

■ 82.1780, 23.5762,
-1.9101

■ 82.1780, 23.5762,
-1.9101

■ 255.0000, 0.0000,
0.0000

■ 58.3520, 22.9975,
-2.9397

■ 132.2320, 25.0286,
-1.0805

■ 35.7000, 21.8399,
-4.9989

■ 158.1720, 26.0442,
-0.1508

■ 12.1020, 22.1347,
-6.2285

■ 185.6990, 26.7704,
0.2640

■ 5.1640, 14.7091,
-4.5288

■ 212.2170, 21.0920,
1.5637

■ 1.0260, 3.9312,
-0.8998

■ 237.0250, 8.8617,
4.3631

■ 0.0000, 0.0000,
0.0000

■ 82.1780, 23.5762,
-1.9101

■ 82.1780, 23.5762,
-1.9101

■ 70.9590, 29.1072,
-2.5950

■ 93.3970, 18.0453,
-1.2252

■ 60.0390, 34.4908,
-2.6652

■ 104.3170, 12.6617,
-1.1550

■ 48.8200, 40.0217,
-3.3501

■ 115.5360, 7.1308,
-0.4701

■ 37.9000, 45.4053,
-3.4203

■ 126.4560, 1.7472,
-0.3999

■ 26.6810, 50.9363,
-4.1052

■ 137.6750, -3.7838,
0.2850

■ 19.0060, 54.7200,
-4.3903

■ 148.8940, -9.3147,
0.9700

■ 159.8140,
-14.6983, 1.0401

■ 171.0330,

-20.2293, 1.7251

■ 181.9530,
-25.6128, 1.7952

Harmonies

Analogous

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



65.8230, 35.0903, -55.0958



82.1780, 23.5762, -1.9101



83.6070, 13.0117, 26.6547

Triad

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



82.1780, 23.5762, -1.9101



79.8460, -23.0951, 34.3381



64.1840, 7.3043, -56.2894

Complementary

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



82.1780, 23.5762, -1.9101



121.8220, -23.5762, 1.9101

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.



69.0870, -8.9169, -33.4023



82.1780, 23.5762, -1.9101



77.7700, -27.9876, 16.8647

Square

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



82.1780, 23.5762, -1.9101



80.1860, -11.9237, 44.5639



75.0060, -22.6810, -5.2673



67.3760, 19.5346, -59.0888

Rectangle

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



82.1780, 23.5762, -1.9101



82.0340, 5.4062, 39.4352



75.0060, -22.6810, -5.2673



63.0440, 2.9363, -55.2896

Sweetspot

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



82.1780, 23.5762, -1.9101



149.4050, 9.1673, -0.3552



109.7340, 9.9911, -31.3387



72.7810, 5.5310, -0.6849



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



82.1780, 23.5762, -1.9101



93.6090, 36.6748, -3.1651



90.5500, 19.4489, 15.3037



58.0970, 2.9102, -0.0851



18.7780, 53.8464, -4.1903



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.4440, 13.5851, 29.4286



115.9050, 21.2458, 45.6873



113.4500, -19.4489, -15.3037



59.7770, 1.5889, 3.7036



51.2680, 30.9269, 67.2940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 82.1780, 23.5762, -1.9101 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 82.1780, 23.5762, -1.9101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

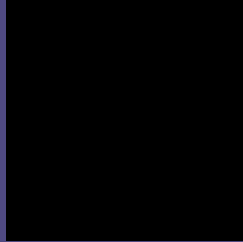
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1780, 23.5762, -1.9101

Background



This preview shows how black text looks on a background with the YUV color 82.1780, 23.5762, -1.9101.



This preview shows how white text looks on a background with the YUV color 82.1780, 23.5762,

-1.9101.

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

82.1780, 23.5762, -1.9101

Protanopia

79.1050, 27.5562, -18.5091

Deuteranopia

78.2850, 24.5095, -21.2979



Tritanopia

80.2100, 4.8265, -8.0772

Trichromacy



Original Color

82.1780, 23.5762, -1.9101

Protanomaly

80.0950, 26.0822, -12.3613

Deuteranomaly

79.3290, 24.4878, -14.3205

Tritanomaly

81.0560, 11.8044, -6.1881

Monochromacy



Original Color

82.1780, 23.5762, -1.9101

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8780, 8.4411, -0.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1780, 23.5762, -1.9101 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(80, 74, 130)` looks like.

```
.text, #text, p{  
    color:rgb(80, 74, 130)  
}
```

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(80, 74, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 74, 130) }
```

Border

The CSS property to change the border of an element to YUV 82.1780, 23.5762, -1.9101 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(80, 74, 130) }
```


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

```
.border{ border-color:rgb(80, 74, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 74, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 74, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 74, 130);  
box-shadow:4px 4px 4px 4px rgb(80, 74,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 82.1780, 23.5762, -1.9101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 74, 130) }
```

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

```
.background{ background-color: rgb(80, 74,  
130) }
```

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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