

Converting Colors

YUV(46.7930, 34.1191,
-23.4975)

Have a look what the booklet for
YUV(46.7930, 34.1191, -23.4975)
contains.

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Color

**YUV(46.7930, 34.1191,
-23.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	142F74
RGB	20, 47, 116
RGB Percent	8%, 18%, 45%
CMY	0.9216, 0.8157, 0.5451
CMYK	0.83, 0.59, 0.00, 0.55
HSL	223°, 71%, 27%
HSV	223°, 83%, 45%
XYZ	4.4574, 3.4427, 16.9526
YIQ	46.7930, -38.2410, 15.7350

Conversions

Conversions Part 2

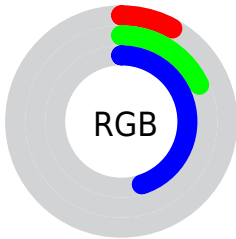
Format	Color
R_{YB}	20, 41, 116
Decimal	1322868
CIE _{Lab}	21.74, 17.65, -42.53
CIE _{LCh}	22, 46.050, 292.541
Yxy	3.4427, 0.1794, 0.1385
Android (android.graphics.Color)	4279512948 (0xFF142F74)
YUV	46.7930, 34.1191, -23.4975
Hunter-Lab	18.5545, 10.4110, -41.1829

Details

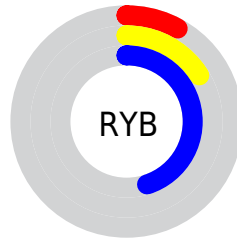
The YUV color **46.7930, 34.1191, -23.4975** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.2070, -34.1191, 23.4975**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.4890, 35.2549, -14.4609**, and **7.6380, 29.2655, -6.6985** is the 20% darker color. If you saturate the color by 10%, you get **38.5090, 38.2031, -26.7564**, and if you desaturate by 10%, it is **55.0770, 30.0350, -20.2385**.

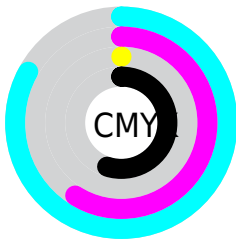
Distribution



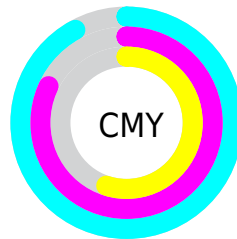
- Red (8%)
- Green (18%)
- Blue (45%)



- Red (8%)
- Yellow (16%)
- Blue (45%)



- Cyan (83%)
- Magenta (59%)
- Yellow (0%)
- Black (55%)



- Cyan (92%)
- Magenta (82%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.7930, 34.1191, -23.4975 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 46.7930, 34.1191, -23.4975 by changing the saturation by 10% instead.

■ 46.7930, 34.1191,
-23.4975

■ 46.7930, 34.1191,
-23.4975

■ 255.0000, 0.0000,
0.0000

■ 26.2230, 31.9351,
-22.9976

■ 97.4890, 35.2549,
-14.4609

■ 7.6380, 29.2655,
-6.6985

■ 123.3150, 35.8337,
-13.4313

■ 6.7770, 18.3509,
-5.9434

■ 149.5540, 36.7019,
-11.8869

■ 3.0950, 9.3202,
-2.7143

■ 177.0810, 37.4281,
-11.4720

■ 0.0000, 0.0000,
0.0000

■ 201.5300, 26.3607,
-8.3578

■ 226.6370, 13.9830,

-4.9436

252.3310, 1.3158,
-2.0443

46.7930, 34.1191,
-23.4975

46.7930, 34.1191,
-23.4975

38.5090, 38.2031,
-26.7564

55.0770, 30.0350,
-20.2385

32.5950, 41.1187,
-28.5858

63.6490, 25.8090,
-18.1092

71.9330, 21.7250,
-14.8502

79.9180, 17.7884,
-12.2061

88.7890, 13.4150,
-9.4620

■ 97.0730, 9.3310,
-6.2030

■ 105.0580, 5.3944,
-3.5589

■ 113.9290, 1.0210,
-0.8147

■ 121.9140, -2.9156,
1.8294

Harmonies

Analogous

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



48.4270, 35.7785, -42.4705



46.7930, 34.1191, -23.4975



51.3820, 21.0107, 27.7290

Triad

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



46.7930, 34.1191, -23.4975



46.9010, -23.1222, 43.0598



43.5300, -0.7543, -38.1758

Complementary

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



46.7930, 34.1191, -23.4975



89.2070, -34.1191, 23.4975

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.



37.3230, -16.9212, -32.7323



46.7930, 34.1191, -23.4975



49.7040, -24.5041, 19.5536

Square

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



46.7930, 34.1191, -23.4975



38.8320, -4.8472, 61.5373



46.3050, -22.8284, -4.6525



47.5200, 14.5336, -41.6750

Rectangle

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



46.7930, 34.1191, -23.4975



43.2170, 14.6830, 50.6757



46.3050, -22.8284, -4.6525



41.5750, -5.7065, -36.4613

Sweetspot

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



46.7930, 34.1191, -23.4975



123.0880, 13.2676, -8.8472



84.2180, 2.3575, -56.3192



60.1440, 8.3100, -5.3883



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



46.7930, 34.1191, -23.4975



42.9390, 52.7811, -35.9035



37.2230, 38.8371, 3.3124



54.2710, 2.3314, -1.1147



33.8660, 43.4501, -29.7005



69.5900, 88.9421, -61.0304

Inverse Universe

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



51.7820, -2.3575, 56.3192



50.9260, -3.9075, 86.8879



98.7770, -38.8371, -3.3124



54.9080, -0.4476, 3.5887



40.3540, -3.1325, 71.6035



82.7300, -6.2759, 146.6958

Previews

White Background



This preview shows how the YUV color 46.7930, 34.1191, -23.4975 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 46.7930, 34.1191, -23.4975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

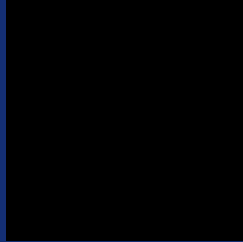
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.7930, 34.1191, -23.4975

Background



This preview shows how black text looks on a background with the YUV color 46.7930, 34.1191, -23.4975.



This preview shows how white text looks on a background with the YUV color 46.7930, 34.1191,

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

46.7930, 34.1191, -23.4975

Protanopia

41.5480, 32.2678, -36.4376

Deuteranopia

42.1860, 24.5583, -36.9971



Tritanopia

41.1140, 10.2968, -36.0570

Trichromacy



Original Color

46.7930, 34.1191, -23.4975

Protanomaly

43.3960, 32.8358, -31.9193

Deuteranomaly

43.5440, 28.3258, -32.0491

Tritanomaly

43.1390, 19.1585, -31.6939

Monochromacy



Original Color

46.7930, 34.1191, -23.4975

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8600, 12.3940, -8.6472

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7930, 34.1191, -23.4975 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(20, 47, 116)` looks like.

```
.text, #text, p{  
    color:rgb(20, 47, 116)  
}
```

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(20, 47, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 47, 116) }
```

Border

The CSS property to change the border of an element to YUV 46.7930, 34.1191, -23.4975 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(20, 47, 116) }
```


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

```
.border{ border-color:rgb(20, 47, 116) }
```

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

Here you see how a box with a 4 pixel rgb(20, 47, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 47, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 47, 116);  
box-shadow:4px 4px 4px 4px rgb(20, 47,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 46.7930, 34.1191, -23.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 47, 116) }
```

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

```
.background{ background-color: rgb(20, 47,  
116) }
```

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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