

Converting Colors

YUV(81.8760, 28.1621,
-26.2013)

Have a look what the booklet for
YUV(81.8760, 28.1621, -26.2013)
contains.

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Color

**YUV(81.8760, 28.1621,
-26.2013)**

Conversions

Conversions Part 1

Format	Color
Hex	34568B
RGB	52, 86, 139
RGB Percent	20%, 34%, 55%
CMY	0.7961, 0.6627, 0.4549
CMYK	0.63, 0.38, 0.00, 0.45
HSL	217°, 46%, 37%
HSV	217°, 63%, 55%
XYZ	9.4042, 9.2497, 25.7158
YIQ	81.8760, -37.2770, 9.2750

Conversions

Conversions Part 2

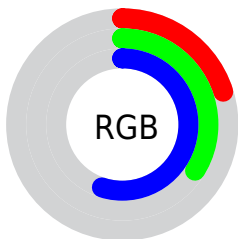
Format	Color
RYB	52, 76, 139
Decimal	3430027
CIELab	36.46, 5.13, -33.18
CIELCh	36, 33.572, 278.797
Yxy	9.2497, 0.2120, 0.2085
Android (android.graphics.Color)	4281620107 (0xFF34568B)
YUV	81.8760, 28.1621, -26.2013
Hunter-Lab	30.4134, 1.9709, -28.8429

Details

The YUV color **81.8760, 28.1621, -26.2013** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **109.1240, -28.1621, 26.2013**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9410, 29.6091, -23.6273**, and **34.0990, 26.5732, -29.9048** is the 20% darker color. If you saturate the color by 10%, you get **72.9940, 32.5410, -30.6897**, and if you desaturate by 10%, it is **90.7580, 23.7833, -21.7128**.

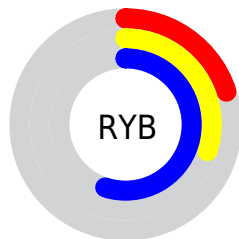
Distribution



Red (20%)

Green (34%)

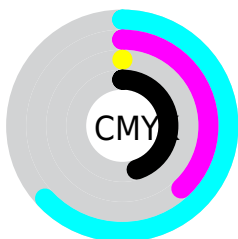
Blue (55%)



Red (20%)

Yellow (30%)

Blue (55%)

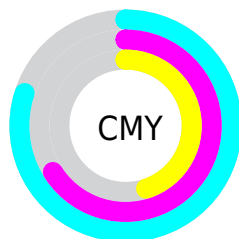


Cyan (63%)

Magenta (38%)

Yellow (0%)

Black (45%)



Cyan (80%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8760, 28.1621, -26.2013 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 81.8760, 28.1621, -26.2013 by changing the saturation by 10% instead.

81.8760, 28.1621,
-26.2013

81.8760, 28.1621,
-26.2013

255.0000, 0.0000,
0.0000

55.8430, 28.1784,
-31.4343

132.9410, 29.6091,
-23.6273

34.0990, 26.5732,
-29.9048

160.3540, 29.8985,
-23.1125

19.7370, 22.3147,
-17.3093

186.9950, 31.0615,
-22.7976

6.5490, 17.4773,
-5.7435

212.3730, 21.0151,
-20.4981

2.9810, 8.8834,
-2.6143

238.0670, 8.3480,
-17.5988

0.0000, 0.0000,
0.0000

252.6080, 1.1793,

-4.9182

■ 81.8760, 28.1621,
-26.2013

■ 81.8760, 28.1621,
-26.2013

■ 72.9940, 32.5410,
-30.6897

■ 90.7580, 23.7833,
-21.7128

■ 63.5250, 37.2092,
-34.6634

■ 100.2270, 19.1151,
-17.7391

■ 54.6430, 41.5880,
-39.1519

■ 109.1090, 14.7363,
-13.2506

■ 47.5440, 45.0878,
-41.6961

■ 118.5780, 10.0680,
-9.2769

■ 127.4600, 5.6892,
-4.7884

■ 136.6300, 1.1684,
-1.4295

■ 145.5120, -3.2104,
3.0590

■ 154.9810, -7.8786,
7.0327

■ 163.8630,
-12.2575, 11.5211

Harmonies

Analogous

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



70.6820, 32.2018, -61.9881



81.8760, 28.1621, -26.2013



87.9190, 19.7599, 8.8410

Triad

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



81.8760, 28.1621, -26.2013



85.4260, -15.9860, 40.8454



71.2150, -3.0640, -44.0386

Complementary

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



81.8760, 28.1621, -26.2013



109.1240, -28.1621, 26.2013

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.



79.4010, -18.4387, -12.6297



81.8760, 28.1621, -26.2013



84.1720, -24.2418, 28.7902

Square

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



81.8760, 28.1621, -26.2013



86.0640, -3.4826, 43.7939



82.5950, -25.9293, 10.0022



68.7150, 11.9725, -60.2631

Rectangle

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



81.8760, 28.1621, -26.2013



88.7810, 12.4330, 25.6251



82.5950, -25.9293, 10.0022



75.3970, -9.0697, -31.0432

Sweetspot

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



81.8760, 28.1621, -26.2013



158.5070, 11.0890, -10.0916



108.9970, -2.4635, -49.9864



78.0900, 6.8576, -6.2179



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



81.8760, 28.1621, -26.2013



91.6150, 44.0668, -40.8814



64.6090, 36.6748, -3.1651



64.5590, 2.1894, -2.2442



45.6860, 43.0458, -40.0666



1.7440, 1.6052, -1.5295

Inverse Universe

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



81.8890, 2.0267, 50.0863



91.7060, 3.1029, 78.3108



126.3910, -36.6748, 3.1651



64.4350, 0.2785, 4.0035



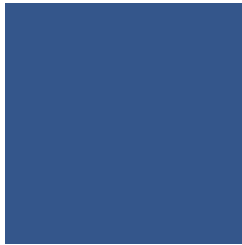
45.6950, 3.1084, 76.5665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 81.8760, 28.1621, -26.2013 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 81.8760, 28.1621, -26.2013 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 81.8760, 28.1621, -26.2013

Background



This preview shows how black text looks on a background with the YUV color 81.8760, 28.1621, -26.2013.



This preview shows how white text looks on a background with the YUV color 81.8760, 28.1621,

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

81.8760, 28.1621, -26.2013

Protanopia

84.3610, 25.9510, -16.9796

Deuteranopia

82.1750, 28.0147, -25.5865



Tritanopia

76.5590, 12.0494, -38.2012

Trichromacy



Original Color

81.8760, 28.1621, -26.2013

Protanomaly

83.5670, 26.8355, -20.6683

Deuteranomaly

82.1750, 28.0147, -25.5865

Tritanomaly

78.4870, 18.0009, -33.7531

Monochromacy



Original Color

81.8760, 28.1621, -26.2013

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.6920, 10.5048, -9.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8760, 28.1621, -26.2013 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(52, 86, 139)` looks like.

```
.text, #text, p{  
    color:rgb(52, 86, 139)  
}
```

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(52, 86, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 86, 139) }
```

Border

The CSS property to change the border of an element to YUV 81.8760, 28.1621, -26.2013 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(52, 86, 139) }
```


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

```
.border{ border-color:rgb(52, 86, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 86, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 86, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 86, 139);  
box-shadow:4px 4px 4px 4px rgb(52, 86,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 81.8760, 28.1621, -26.2013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 86, 139) }
```

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

```
.background{ background-color: rgb(52, 86,  
139) }
```

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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