

Converting Colors

YUV(42.6520, 17.9196, -7.5878)

Have a look what the booklet for
YUV(42.6520, 17.9196, -7.5878)
contains.

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Color

**YUV(42.6520, 17.9196,
-7.5878)**

Conversions

Conversions Part 1

Format	Color
Hex	22284F
RGB	34, 40, 79
RGB Percent	13%, 16%, 31%
CMY	0.8667, 0.8431, 0.6902
CMYK	0.57, 0.49, 0.00, 0.69
HSL	232°, 40%, 22%
HSV	232°, 57%, 31%
XYZ	2.8298, 2.4222, 7.7155
YIQ	42.6520, -16.0950, 10.8570

Conversions

Conversions Part 2

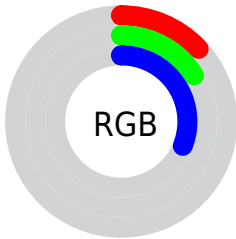
Format	Color
R _Y B	34, 39, 79
Decimal	2238543
CIE Lab	17.56, 10.30, -24.89
CIE LCh	18, 26.941, 292.476
Yxy	2.4222, 0.2182, 0.1868
Android (android.graphics.Color)	4280428623 (0xFF22284F)
YUV	42.6520, 17.9196, -7.5878
Hunter-Lab	15.5633, 5.2194, -18.4986

Details

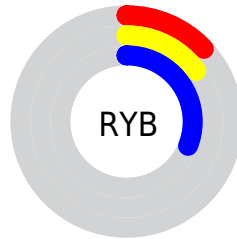
The YUV color **42.6520, 17.9196, -7.5878** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **70.3480, -17.9196, 7.5878**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.1190, 19.6613, -6.2434**, and **5.0500, 14.2723, -4.4289** is the 20% darker color. If you saturate the color by 10%, you get **36.1510, 21.1246, -8.9024**, and if you desaturate by 10%, it is **49.1530, 14.7146, -6.2732**.

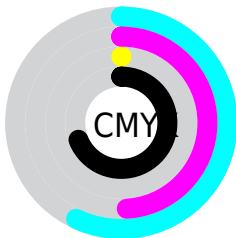
Distribution



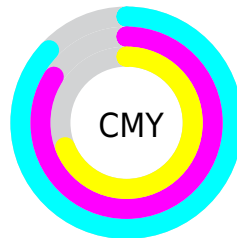
- Red (13%)
- Green (16%)
- Blue (31%)



- Red (13%)
- Yellow (15%)
- Blue (31%)



- Cyan (57%)
- Magenta (49%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.6520, 17.9196, -7.5878 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 42.6520, 17.9196, -7.5878 by changing the saturation by 10% instead.

■ 42.6520, 17.9196,
-7.5878

■ 42.6520, 17.9196,
-7.5878

■ 255.0000, 0.0000,
0.0000

■ 20.5160, 17.4936,
-10.9765

■ 89.1190, 19.6613,
-6.2434

■ 5.0500, 14.2723,
-4.4289

■ 113.6460, 20.3875,
-5.8285

■ 0.9120, 3.4944,
-0.7998

■ 139.1730, 21.1137,
-5.4137

■ 0.0000, 0.0000,
0.0000

■ 165.5860, 21.4031,
-4.8989

■ 192.8140, 22.2767,
-5.0989

■ 219.5600, 17.4719,

-3.9991

245.2540, 4.8048,
-1.0998

42.6520, 17.9196,
-7.5878

42.6520, 17.9196,
-7.5878

36.1510, 21.1246,
-8.9024

49.1530, 14.7146,
-6.2732

29.6500, 24.3296,
-10.2170

55.6540, 11.5096,
-4.9586

23.1490, 27.5345,
-11.5317

62.1550, 8.3046,
-3.6439

17.2350, 30.4501,
-13.3611

68.0690, 5.3890,
-1.8145

15.4630, 31.3237,
-13.5611

74.5700, 2.1840,
-0.4999

■ 80.7720, -0.8736,
0.2000

■ 87.2730, -4.0786,
1.5146

■ 93.7740, -7.2836,
2.8292

■ 100.2750,
-10.4886, 4.1438

Harmonies

Analogous

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



36.8230, 21.7793, -32.2938



42.6520, 17.9196, -7.5878



44.3730, 11.1551, 15.4589

Triad

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



42.6520, 17.9196, -7.5878



41.8540, -15.2110, 25.5610



34.7420, 1.1132, -30.4687

Complementary

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



42.6520, 17.9196, -7.5878



70.3480, -17.9196, 7.5878

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.



35.2890, -8.5235, -19.5475



42.6520, 17.9196, -7.5878



40.8220, -20.1252, 15.0651

Square

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



42.6520, 17.9196, -7.5878



41.8900, -6.3548, 31.6685



38.6630, -19.0609, 0.2955



37.0220, 9.8492, -32.4683

Rectangle

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



42.6520, 17.9196, -7.5878



43.0600, 5.8864, 25.3804



38.6630, -19.0609, 0.2955



34.0580, -1.5076, -29.8689

Sweetspot

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



42.6520, 17.9196, -7.5878



88.1120, 6.8468, -2.7292



64.8610, 4.0125, -27.0651



42.7270, 4.0786, -1.5146



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



42.6520, 17.9196, -7.5878



46.1490, 27.5345, -11.5317



43.9140, 17.2974, 5.3374



35.0430, 1.4578, -0.9147



19.8460, 40.5019, -17.4049



44.4170, 91.4924, -38.9537

Inverse Universe

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



48.1390, -4.0125, 27.0651



54.6570, -6.2399, 41.5198



69.0860, -17.2974, -5.3374



35.3100, -0.1528, 2.3591



32.0940, -8.9203, 61.3076



72.3040, -20.3629, 138.2994

Previews

White Background



This preview shows how the YUV color 42.6520, 17.9196, -7.5878 looks on a white background.

Color Contrast Check

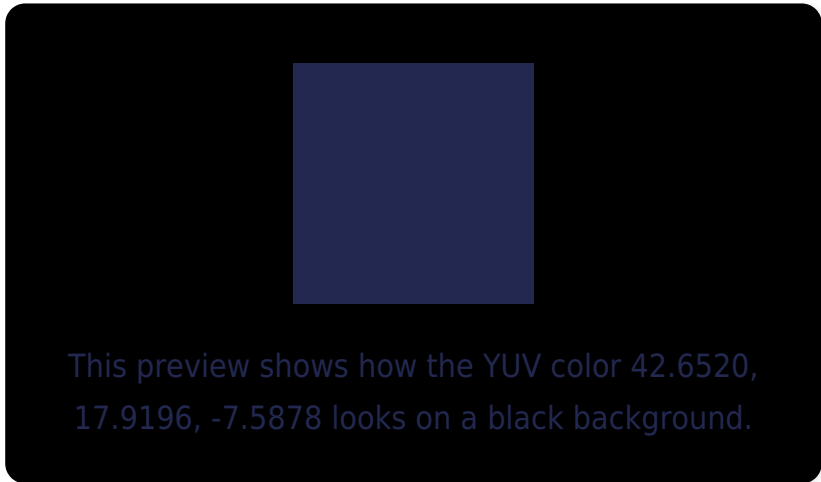
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

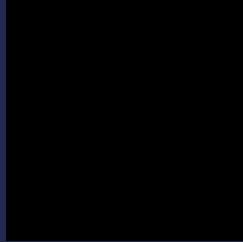
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.6520, 17.9196, -7.5878

Background



This preview shows how black text looks on a background with the YUV color 42.6520, 17.9196, -7.5878.



This preview shows how white text looks on a background with the YUV color 42.6520, 17.9196,

-7.5878.

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

42.6520, 17.9196, -7.5878

Protanopia

40.4660, 19.9833, -16.1947

Deuteranopia

34.7200, 21.3370, -30.4494



Tritanopia

40.2800, 5.2850, -15.1546

Trichromacy



Original Color

42.6520, 17.9196, -7.5878

Protanomaly

40.9610, 19.2462, -13.1208

Deuteranomaly

37.7210, 19.8575, -22.5573

Tritanomaly

40.8550, 9.9315, -12.1508

Monochromacy



Original Color

42.6520, 17.9196, -7.5878

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6520, 17.9196, -7.5878 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(34, 40, 79)` looks like.

```
.text, #text, p{  
    color:rgb(34, 40, 79)  
}
```

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(34, 40, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 40, 79) }
```

Border

The CSS property to change the border of an element to YUV 42.6520, 17.9196, -7.5878 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(34, 40, 79) }
```


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

```
.border{ border-color:rgb(34, 40, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 40, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 40, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 40, 79);  
box-shadow:4px 4px 4px 4px rgb(34, 40, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.6520, 17.9196, -7.5878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 40, 79) }
```

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

```
.background{ background-color: rgb(34, 40,  
79) }
```

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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