

Converting Colors

YUV(34.3240, 25.4763, -4.6691)

Have a look what the booklet for
YUV(34.3240, 25.4763, -4.6691)
contains.

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Color

**YUV(34.3240, 25.4763,
-4.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	1D1B56
RGB	29, 27, 86
RGB Percent	11%, 11%, 34%
CMY	0.8863, 0.8941, 0.6627
CMYK	0.66, 0.69, 0.00, 0.66
HSL	242°, 52%, 22%
HSV	242°, 69%, 34%
XYZ	2.5783, 1.7170, 8.9996
YIQ	34.3240, -17.7470, 18.7730

Conversions

Conversions Part 2

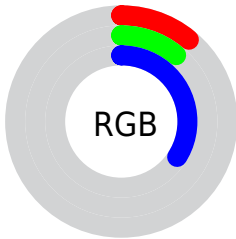
Format	Color
RYB	29, 27, 86
Decimal	1907542
CIELab	13.93, 21.24, -35.52
CIELCh	14, 41.392, 300.881
Yxy	1.7170, 0.1939, 0.1291
Android (android.graphics.Color)	4280097622 (0xFF1D1B56)
YUV	34.3240, 25.4763, -4.6691
Hunter-Lab	13.1033, 12.1928, -31.5493

Details

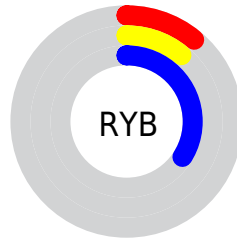
The YUV color **34.3240, 25.4763, -4.6691** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **78.6760, -25.4763, 4.6691**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.1010, 27.0652, -0.9656**, and **6.3210, 16.6037, -5.5435** is the 20% darker color. If you saturate the color by 10%, you get **26.6490, 29.2600, -4.9542**, and if you desaturate by 10%, it is **41.9990, 21.6925, -4.3841**.

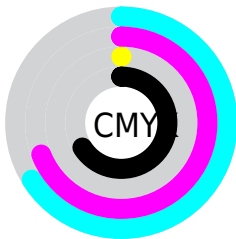
Distribution



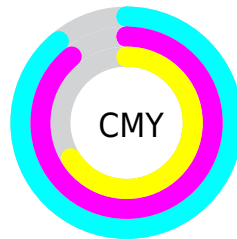
- Red (11%)
- Green (11%)
- Blue (34%)



- Red (11%)
- Yellow (11%)
- Blue (34%)



- Cyan (66%)
- Magenta (69%)
- Yellow (0%)
- Black (66%)



- Cyan (89%)
- Magenta (89%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.3240, 25.4763, -4.6691 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 34.3240, 25.4763, -4.6691 by changing the saturation by 10% instead.

■ 34.3240, 25.4763,
-4.6691

■ 34.3240, 25.4763,
-4.6691

■ 255.0000, 0.0000,
0.0000

■ 9.4270, 25.9185,
-6.5135

■ 81.1010, 27.0652,
-0.9656

■ 6.3210, 16.6037,
-5.5435

■ 105.4540, 28.3702,
0.4788

■ 2.5250, 7.1362,
-2.2144

■ 131.2800, 28.9490,
1.5084

■ 0.0000, 0.0000,
0.0000

■ 157.8070, 29.6751,
1.9233

■ 184.4480, 30.8381,
2.2381

■ 210.4670, 21.9548,

4.8524

■ 235.2750, 9.7244,
7.6518

■ 34.3240, 25.4763,
-4.6691

■ 34.3240, 25.4763,
-4.6691

■ 26.6490, 29.2600,
-4.9542

■ 41.9990, 21.6925,
-4.3841

■ 19.2620, 32.9018,
-6.3688

■ 49.3860, 18.0507,
-2.9695

■ 11.5870, 36.6856,
-6.6538

■ 57.0610, 14.2669,
-2.6845

■ 10.7010, 37.1224,
-6.7538

■ 64.1490, 10.7725,
-1.8847

■ 72.1230, 6.8414,
-0.9849

■ 79.7980, 3.0576,
-0.6998

■ 86.8860, -0.4368,
0.1000

■ 94.5610, -4.2206,
0.3850

■ 101.9480, -7.8624,
1.7996

Harmonies

Analogous

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



33.6090, 29.7728, -29.4751



34.3240, 25.4763, -4.6691



30.2750, 16.6264, 33.9618

Triad

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



34.3240, 25.4763, -4.6691



32.9470, -16.2429, 29.8645



31.6930, 2.1234, -27.7948

Complementary

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



34.3240, 25.4763, -4.6691



78.6760, -25.4763, 4.6691

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.



26.4150, -13.0226, -23.1660



34.3240, 25.4763, -4.6691



34.0000, -16.7620, 9.6470

Square

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



34.3240, 25.4763, -4.6691



24.3330, -11.5032, 49.6970



28.8400, -14.2181, -13.0147



34.9990, 14.7905, -30.6941

Rectangle

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



34.3240, 25.4763, -4.6691



29.1640, 8.3001, 44.5832



28.8400, -14.2181, -13.0147



30.4390, -2.6814, -26.6950

Sweetspot

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



34.3240, 25.4763, -4.6691



91.6220, 10.0464, -2.2995



67.1850, 9.2758, -35.2422



43.8950, 5.9678, -0.7849



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



34.3240, 25.4763, -4.6691



31.3850, 39.7432, -7.3536



42.9950, 21.2015, 13.1594



39.4560, 1.7472, -0.3999



13.3940, 46.1478, -8.2385



29.1820, 101.4683, -18.5766

Inverse Universe

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



51.1390, 16.2005, 30.5731



57.6540, 25.3136, 47.6614



70.0050, -21.2015, -13.1594



40.6520, 1.1576, 2.0592



43.7350, 29.2176, 55.4834



96.1430, 64.5125, 121.7776

Previews

White Background



This preview shows how the YUV color 34.3240, 25.4763, -4.6691 looks on a white background.

Color Contrast Check

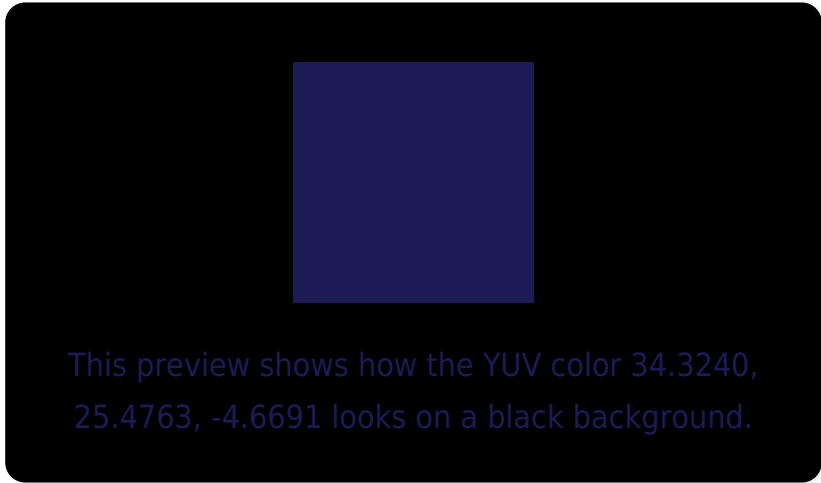
Large Text (above 18pt) WCAG AA ✓ Pass

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

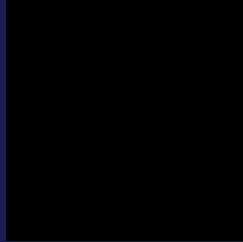
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.3240, 25.4763, -4.6691

Background



This preview shows how black text looks on a background with the YUV color 34.3240, 25.4763, -4.6691.



This preview shows how white text looks on a background with the YUV color 34.3240, 25.4763,

-4.6691.

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

34.3240, 25.4763, -4.6691

Protanopia

28.8670, 21.7576, -25.3164

Deuteranopia

28.9010, 16.8108, -25.3462



Tritanopia

28.3820, 7.2067, -24.8910

Trichromacy



Original Color

34.3240, 25.4763, -4.6691

Protanomaly

30.9650, 23.1883, -17.5093

Deuteranomaly

30.7540, 19.8413, -17.3243

Tritanomaly

30.5600, 14.0209, -17.1541

Monochromacy



Original Color

34.3240, 25.4763, -4.6691

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8070, 9.4621, -1.5847

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.3240, 25.4763, -4.6691 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(29, 27, 86)` looks like.

```
.text, #text, p{  
    color:rgb(29, 27, 86)  
}
```

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(29, 27, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 27, 86) }
```

Border

The CSS property to change the border of an element to YUV 34.3240, 25.4763, -4.6691 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(29, 27, 86) }
```


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

```
.border{ border-color:rgb(29, 27, 86) }
```

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

Here you see how a box with a 4 pixel rgb(29, 27, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 27, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 27, 86);  
box-shadow:4px 4px 4px 4px rgb(29, 27, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.3240, 25.4763, -4.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 27, 86) }
```

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

```
.background{ background-color: rgb(29, 27,  
86) }
```

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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