

Converting Colors

YUV(37.5320, 53.4747,
-25.0226)

Have a look what the booklet for
YUV(37.5320, 53.4747, -25.0226)
contains.

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Color

**YUV(37.5320, 53.4747,
-25.0226)**

Conversions

Conversions Part 1

Format	Color
Hex	091F92
RGB	9, 31, 146
RGB Percent	4%, 12%, 57%
CMY	0.9647, 0.8784, 0.4275
CMYK	0.94, 0.79, 0.00, 0.43
HSL	230°, 88%, 30%
HSV	230°, 94%, 57%
XYZ	5.7910, 3.1134, 27.4899
YIQ	37.5320, -50.0270, 31.1010

Conversions

Conversions Part 2

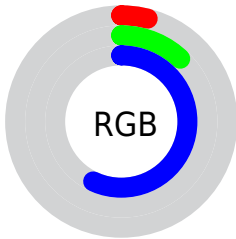
Format	Color
R_{YB}	9, 28, 146
Decimal	597906
CIE _{Lab}	20.49, 39.45, -63.49
CIE _{LCh}	20, 74.748, 301.857
Y _{xy}	3.1134, 0.1591, 0.0855
Android (android.graphics.Color)	4278787986 (0xFF091F92)
YUV	37.5320, 53.4747, -25.0226
Hunter-Lab	17.6448, 27.7048, -80.0202

Details

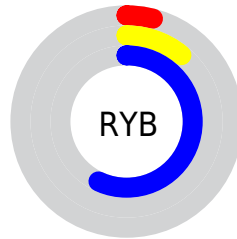
The YUV color **37.5320, 53.4747, -25.0226** is a dark color, and the websafe version is hex **333399**, and the color name is **indigo dye**. A complement of this color would be **117.4680, -53.4747, 25.0226**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.4250, 52.5415, -5.6347**, and **10.7160, 41.0590, -9.3979** is the 20% darker color. If you saturate the color by 10%, you get **30.1450, 57.1165, -26.4372**, and if you desaturate by 10%, it is **49.0610, 47.7909, -21.9785**.

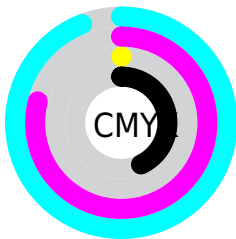
Distribution



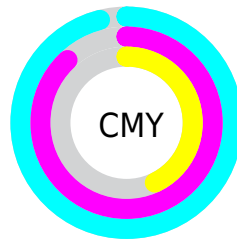
- Red (4%)
- Green (12%)
- Blue (57%)



- Red (4%)
- Yellow (11%)
- Blue (57%)



- Cyan (94%)
- Magenta (79%)
- Yellow (0%)
- Black (43%)



- Cyan (96%)
- Magenta (88%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.5320, 53.4747, -25.0226 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 37.5320, 53.4747, -25.0226 by changing the saturation by 10% instead.

■ 37.5320, 53.4747,
-25.0226

■ 37.5320, 53.4747,
-25.0226

■ 255.0000, 0.0000,
0.0000

■ 19.5500, 49.5219,
-17.1453

■ 94.4250, 52.5415,
-5.6347

■ 10.7160, 41.0590,
-9.3979

■ 120.7890, 53.8410,
-2.4460

■ 12.5620, 27.8239,
-11.0169

■ 146.9850, 53.2514,
0.0132

■ 7.5920, 18.9351,
-6.6582

■ 171.2170, 41.3050,
5.0717

■ 3.3230, 10.1938,
-2.9143

■ 195.7370, 29.2167,
9.0007

■ 0.0000, 0.0000,
0.0000

■ 221.1430, 16.6915,

13.0296

■ 243.2600, 5.7878,
10.2960

■ 37.5320, 53.4747,
-25.0226

■ 37.5320, 53.4747,
-25.0226

■ 30.1450, 57.1165,
-26.4372

■ 49.0610, 47.7909,
-21.9785

■ 60.8780, 41.9651,
-20.0640

■ 72.4070, 36.2813,
-17.0199

■ 83.6370, 30.7450,
-14.5906

■ 95.1660, 25.0612,
-11.5466

■ 107.2820, 19.0880,
-9.0173

■ 118.5120, 13.5516,
-6.5880

■ 130.0410, 7.8678,
-3.5440

■ 141.2710, 2.3314,
-1.1147

Harmonies

Analogous

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



53.3290, 54.5608, -46.7695



37.5320, 53.4747, -25.0226



45.2300, 28.4806, 58.5573

Triad

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



37.5320, 53.4747, -25.0226



39.8790, -19.6603, 52.7261



45.2570, 3.3243, -39.6904

Complementary

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



37.5320, 53.4747, -25.0226



117.4680, -53.4747, 25.0226

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.



38.1550, -18.8104, -33.4619



37.5320, 53.4747, -25.0226



46.4040, -22.8772, 11.0467

Square

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



37.5320, 53.4747, -25.0226



38.2720, -18.8681, 78.6915



35.8070, -17.6529, -31.4027



52.1140, 27.0588, -45.7040

Rectangle

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



37.5320, 53.4747, -25.0226



47.1060, 9.8077, 74.4520



35.8070, -17.6529, -31.4027



42.9770, -5.4117, -37.6908

Sweetspot

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



37.5320, 53.4747, -25.0226



146.7380, 20.8352, -9.4172



102.4150, 10.1484, -81.9250



68.5830, 12.5306, -5.7733



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



37.5320, 53.4747, -25.0226



39.1560, 73.8731, -34.3398



38.3720, 53.0606, 14.5828



68.3850, 2.7682, -1.2146



28.6460, 53.9115, -25.1225



2.3140, 3.7892, -2.0294

Inverse Universe

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



52.4710, -10.5852, 82.0249



59.9310, -14.7560, 113.1935



116.6280, -53.0606, -14.5828



69.2070, -0.5951, 4.2035



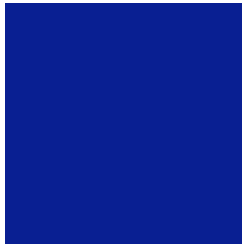
43.7700, -10.7326, 82.6397



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 37.5320, 53.4747, -25.0226 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 37.5320, 53.4747, -25.0226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

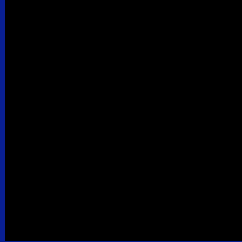
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.5320, 53.4747, -25.0226

Background



This preview shows how black text looks on a background with the YUV color 37.5320, 53.4747, -25.0226.



This preview shows how white text looks on a background with the YUV color 37.5320, 53.4747,

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

37.5320, 53.4747, -25.0226

Protanopia

40.3910, 30.3732, -35.4229

Deuteranopia

40.4420, 22.9531, -35.4676



Tritanopia

39.5980, 9.5652, -34.7274

Trichromacy



Original Color

37.5320, 53.4747, -25.0226

Protanomaly

39.0030, 38.9455, -31.5746

Deuteranomaly

39.0370, 33.9988, -31.6044

Tritanomaly

38.8600, 25.7050, -31.4492

Monochromacy



Original Color

37.5320, 53.4747, -25.0226

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.3960, 19.5248, -9.1173

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.5320, 53.4747, -25.0226 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(9, 31, 146)` looks like.

```
.text, #text, p{  
    color:rgb(9, 31, 146)  
}
```

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(9, 31, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 31, 146) }
```

Border

The CSS property to change the border of an element to YUV 37.5320, 53.4747, -25.0226 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(9, 31, 146) }
```


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

```
.border{ border-color:rgb(9, 31, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 31, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 31, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 31, 146);  
box-shadow:4px 4px 4px 4px rgb(9, 31, 146)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.5320, 53.4747, -25.0226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 31, 146) }
```

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

```
.background{ background-color: rgb(9, 31,  
146) }
```

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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