

Converting Colors

YUV(92.3520, 36.3085,
-25.7417)

Have a look what the booklet for
YUV(92.3520, 36.3085, -25.7417)
contains.

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Color

**YUV(92.3520, 36.3085,
-25.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5DA6
RGB	63, 93, 166
RGB Percent	25%, 36%, 65%
CMY	0.7529, 0.6353, 0.3490
CMYK	0.62, 0.44, 0.00, 0.35
HSL	223°, 45%, 45%
HSV	223°, 62%, 65%
XYZ	12.8472, 11.6386, 37.6458
YIQ	92.3520, -41.3130, 16.3430

Conversions

Conversions Part 2

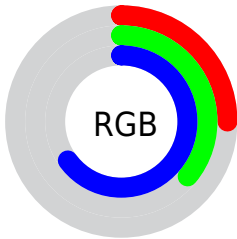
Format	Color
RYB	63, 86, 166
Decimal	4152742
CIELab	40.64, 12.48, -42.72
CIELCh	41, 44.510, 286.285
Yxy	11.6386, 0.2068, 0.1873
Android (android.graphics.Color)	4282342822 (0xFF3F5DA6)
YUV	92.3520, 36.3085, -25.7417
Hunter-Lab	34.1154, 7.5174, -41.5446

Details

The YUV color **92.3520, 36.3085, -25.7417** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **136.6480, -36.3085, 25.7417**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1290, 37.8974, -22.0381**, and **41.0580, 35.4674, -36.0079** is the 20% darker color. If you saturate the color by 10%, you get **80.2250, 42.2871, -30.0153**, and if you desaturate by 10%, it is **104.4790, 30.3299, -21.4681**.

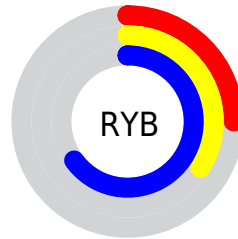
Distribution



Red (25%)

Green (36%)

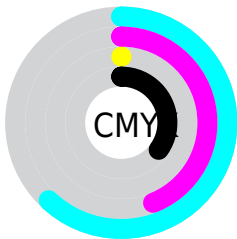
Blue (65%)



Red (25%)

Yellow (34%)

Blue (65%)

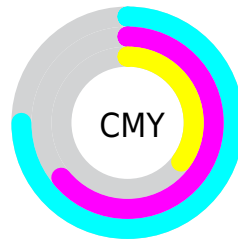


Cyan (62%)

Magenta (44%)

Yellow (0%)

Black (35%)



Cyan (75%)

Magenta (64%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.3520, 36.3085, -25.7417 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 92.3520, 36.3085, -25.7417 by changing the saturation by 10% instead.

■ 92.3520, 36.3085,
-25.7417

■ 92.3520, 36.3085,
-25.7417

■ 255.0000, 0.0000,
0.0000

■ 65.9060, 36.0353,
-31.4896

■ 145.1290, 37.8974,
-22.0381

■ 41.0580, 35.4674,
-36.0079

■ 171.9550, 38.4762,
-21.0085

■ 26.4680, 30.3353,
-23.2124

■ 196.7460, 28.7192,
-18.1942

■ 7.4100, 28.3919,
-6.4986

■ 221.8530, 16.3415,
-14.7801

■ 6.5490, 17.4773,
-5.7435

■ 247.5470, 3.6743,
-11.8807

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 92.3520, 36.3085,
-25.7417

■ 92.3520, 36.3085,
-25.7417

■ 80.2250, 42.2871,
-30.0153

■ 104.4790, 30.3299,
-21.4681

■ 68.3970, 48.1183,
-33.6742

■ 116.3070, 24.4986,
-17.8092

■ 56.8570, 53.8075,
-38.4626

■ 127.8470, 18.8094,
-13.0208

■ 47.1000, 58.6177,
-41.3067

■ 139.6750, 12.9782,
-9.3620

■ 151.8020, 6.9996,
-5.0884

■ 163.9290, 1.0210,
-0.8147

■ 175.1700, -4.5208,
3.3589

■ 187.2970,
-10.4994, 7.6325

■ 199.1250,
-16.3306, 11.2914

Harmonies

Analogous

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



80.6730, 42.5592, -70.7502



92.3520, 36.3085, -25.7417



98.7340, 23.7951, 21.2813

Triad

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



92.3520, 36.3085, -25.7417



93.3150, -24.3123, 51.4667



74.5220, 1.2217, -65.3558

Complementary

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



92.3520, 36.3085, -25.7417



136.6480, -36.3085, 25.7417

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.



84.0310, -20.7213, -27.2142



92.3520, 36.3085, -25.7417



92.0940, -36.0353, 31.4896

Square

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



92.3520, 36.3085, -25.7417



93.6100, -8.1887, 59.9780



89.2280, -36.1014, 5.9390



79.4410, 17.5306, -69.6698

Rectangle

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



92.3520, 36.3085, -25.7417



97.3470, 14.1259, 42.6687



89.2280, -36.1014, 5.9390



72.5670, -3.7305, -63.6413

Sweetspot

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



92.3520, 36.3085, -25.7417



187.7180, 14.4360, -10.2767



131.6690, 1.6422, -60.2227



91.6600, 9.0416, -6.7178



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



92.3520, 36.3085, -25.7417



101.9430, 56.7231, -40.2920



81.0210, 41.8946, 2.6126



78.0860, 2.9156, -1.8294



42.1130, 52.2023, -36.9331



5.8020, 6.9996, -5.0884

Inverse Universe

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



97.2170, -2.0790, 60.3227



109.4970, -3.2030, 94.2801



147.9790, -41.8946, -2.6126



78.6200, -0.3057, 4.7183



49.1540, -3.0339, 86.6879



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 92.3520, 36.3085, -25.7417 looks on a white background.

Color Contrast Check

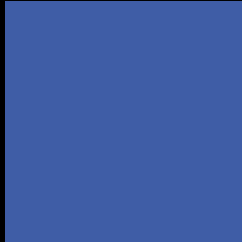
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 92.3520, 36.3085, -25.7417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

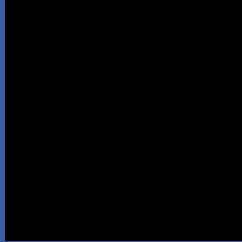
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.3520, 36.3085, -25.7417

Background



This preview shows how black text looks on a background with the YUV color 92.3520, 36.3085, -25.7417.



This preview shows how white text looks on a background with the YUV color 92.3520, 36.3085,

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

92.3520, 36.3085, -25.7417

Protanopia

92.3520, 36.3085, -25.7417

Deuteranopia

88.0080, 37.9571, -41.2260



Tritanopia

85.2810, 13.6655, -43.2194

Trichromacy



Original Color

92.3520, 36.3085, -25.7417

Protanomaly

92.3520, 36.3085, -25.7417

Deuteranomaly

89.8130, 37.0672, -35.7930

Tritanomaly

88.0890, 21.6481, -36.9121

Monochromacy



Original Color

92.3520, 36.3085, -25.7417

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7890, 13.4150, -9.4620

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.3520, 36.3085, -25.7417 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(63, 93, 166)` looks like.

```
.text, #text, p{  
    color:rgb(63, 93, 166)  
}
```

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(63, 93, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 93, 166) }
```

Border

The CSS property to change the border of an element to YUV 92.3520, 36.3085, -25.7417 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(63, 93, 166) }
```


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

```
.border{ border-color:rgb(63, 93, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 93, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 93, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 93, 166);  
box-shadow:4px 4px 4px 4px rgb(63, 93,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 92.3520, 36.3085, -25.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 93, 166) }
```

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

```
.background{ background-color: rgb(63, 93,  
166) }
```

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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