

Converting Colors

YUV(93.6710, 25.7982,
-14.6205)

Have a look what the booklet for
YUV(93.6710, 25.7982, -14.6205)
contains.

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Color

**YUV(93.6710, 25.7982,
-14.6205)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5C92
RGB	77, 92, 146
RGB Percent	30%, 36%, 57%
CMY	0.6980, 0.6392, 0.4275
CMYK	0.47, 0.37, 0.00, 0.43
HSL	227°, 31%, 44%
HSV	227°, 47%, 57%
XYZ	12.0760, 11.3074, 28.7402
YIQ	93.6710, -26.2740, 13.6140

Conversions

Conversions Part 2

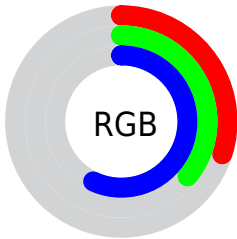
Format	Color
R_{YB}	77, 89, 146
Decimal	5069970
CIE _{Lab}	40.09, 9.58, -31.58
CIE _{LCh}	40, 33.002, 286.874
Yxy	11.3074, 0.2317, 0.2169
Android (android.graphics.Color)	4283260050 (0xFF4D5C92)
YUV	93.6710, 25.7982, -14.6205
Hunter-Lab	33.6265, 5.2570, -27.1360

Details

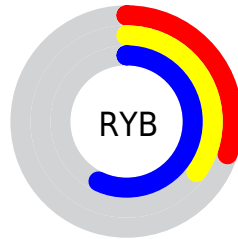
The YUV color **93.6710, 25.7982, -14.6205** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.3290, -25.7982, 14.6205**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7250, 27.2506, -13.7908**, and **45.2960, 24.5041, -19.5536** is the 20% darker color. If you saturate the color by 10%, you get **82.7290, 31.1926, -18.1793**, and if you desaturate by 10%, it is **104.6130, 20.4038, -11.0616**.

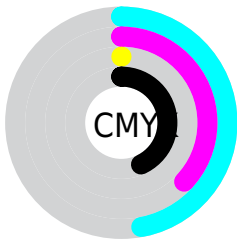
Distribution



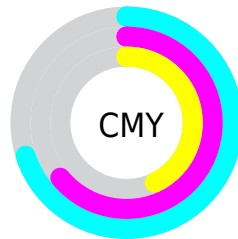
- Red (30%)
- Green (36%)
- Blue (57%)



- Red (30%)
- Yellow (35%)
- Blue (57%)



- Cyan (47%)
- Magenta (37%)
- Yellow (0%)
- Black (43%)



- Cyan (70%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.6710, 25.7982, -14.6205 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 93.6710, 25.7982, -14.6205 by changing the saturation by 10% instead.

■ 93.6710, 25.7982,
-14.6205

■ 93.6710, 25.7982,
-14.6205

■ 255.0000, 0.0000,
0.0000

■ 69.4320, 24.9300,
-16.1649

■ 144.7250, 27.2506,
-13.7908

■ 45.2960, 24.5041,
-19.5536

■ 171.5510, 27.8294,
-12.7612

■ 23.3560, 23.4885,
-20.4832

■ 199.1380, 27.5400,
-13.2760

■ 5.5860, 21.4031,
-4.8989

■ 223.3590, 15.5990,
-9.9618

■ 3.6650, 11.5042,
-3.2142

■ 249.0530, 2.9319,
-7.0625

■ 0.0000, 0.0000,
0.0000

■ 93.6710, 25.7982,
-14.6205

■ 93.6710, 25.7982,
-14.6205

■ 82.7290, 31.1926,
-18.1793

■ 104.6130, 20.4038,
-11.0616

■ 71.4990, 36.7290,
-20.6086

■ 115.8430, 14.8674,
-8.6323

■ 60.5570, 42.1234,
-24.1675

■ 126.7850, 9.4730,
-5.0734

■ 49.3270, 47.6598,
-26.5968

■ 138.0150, 3.9366,
-2.6442

■ 38.3850, 53.0542,
-30.1556

■ 148.9570, -1.4578,
0.9147

■ 35.4280, 54.5120,
-31.0704

■ 160.4860, -7.1416,
3.9588

■ 171.1290,
-12.3886, 6.9029

■ 182.0710,

-17.7830, 10.4617

■ 193.3010,
-23.3194, 12.8910

Harmonies

Analogous

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



76.0450, 34.9808, -66.6915



93.6710, 25.7982, -14.6205



97.2790, 17.1175, 16.4183

Triad

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



93.6710, 25.7982, -14.6205



94.0190, -18.7434, 38.5713



76.8270, 2.0573, -53.3453

Complementary

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



93.6710, 25.7982, -14.6205



129.3290, -25.7982, 14.6205

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.



86.8670, -15.2174, -19.1774



93.6710, 25.7982, -14.6205



93.0960, -25.6833, 24.4718

Square

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



93.6710, 25.7982, -14.6205



94.7390, -7.2663, 44.0789



90.9040, -24.6027, 4.4692



75.8220, 16.3568, -66.4959

Rectangle

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



93.6710, 25.7982, -14.6205



97.0160, 9.3591, 31.5580



90.9040, -24.6027, 4.4692



82.3790, -5.1168, -38.9204

Sweetspot

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



93.6710, 25.7982, -14.6205



168.6000, 10.0572, -5.7882



123.5450, 3.1823, -40.8200



82.1720, 5.8312, -3.6588



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.



93.6710, 25.7982, -14.6205



107.4000, 40.2288, -23.1528



90.2480, 27.4857, 4.1675



68.3850, 2.7682, -1.2146



33.3420, 51.5964, -29.2409



2.3140, 3.7892, -2.0294

Inverse Universe

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



99.3410, -3.6191, 40.9199



116.0280, -5.4368, 63.9964



132.7520, -27.4857, -4.1675



69.2070, -0.5951, 4.2035



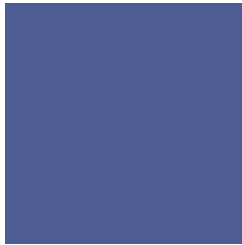
44.6820, -7.2382, 81.8399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 93.6710, 25.7982, -14.6205 looks on a white background.

Color Contrast Check

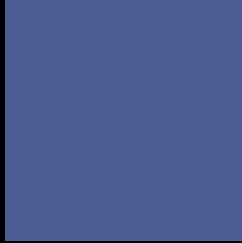
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.6710, 25.7982, -14.6205 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 93.6710, 25.7982, -14.6205

Background



This preview shows how black text looks on a background with the YUV color 93.6710, 25.7982, -14.6205.



This preview shows how white text looks on a background with the YUV color 93.6710, 25.7982,

-14.6205.

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

93.6710, 25.7982, -14.6205

Protanopia

93.6600, 25.8036, -16.3648

Deuteranopia

92.1540, 26.5461, -21.1831



Tritanopia

90.7460, 8.5062, -21.7022

Trichromacy



Original Color

93.6710, 25.7982, -14.6205

Protanomaly

93.9590, 25.6562, -15.7500

Deuteranomaly

92.4640, 26.3932, -18.8239

Tritanomaly

91.7770, 14.8999, -19.0984

Monochromacy



Original Color

93.6710, 25.7982, -14.6205

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7850, 9.4730, -5.0734

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6710, 25.7982, -14.6205 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(77, 92, 146)` looks like.

```
.text, #text, p{  
    color:rgb(77, 92, 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(77, 92, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 92, 146) }
```

Border

The CSS property to change the border of an element to YUV 93.6710, 25.7982, -14.6205 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(77, 92, 146) }
```


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

```
.border{ border-color:rgb(77, 92, 146) }
```

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

Here you see how a box with a 4 pixel rgb(77, 92, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 92, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 92, 146);  
box-shadow:4px 4px 4px 4px rgb(77, 92,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 93.6710, 25.7982, -14.6205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 92, 146) }
```

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

```
.background{ background-color: rgb(77, 92,  
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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