

Converting Colors

YUV(93.2830, 40.7795,
-59.8842)

Have a look what the booklet for
YUV(93.2830, 40.7795, -59.8842)
contains.

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Color

**YUV(93.2830, 40.7795,
-59.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	1970B0
RGB	25, 112, 176
RGB Percent	10%, 44%, 69%
CMY	0.9020, 0.5608, 0.3098
CMYK	0.86, 0.36, 0.00, 0.31
HSL	205°, 75%, 39%
HSV	205°, 86%, 69%
XYZ	14.0315, 14.9296, 43.2165
YIQ	93.2830, -72.3960, 1.4600

Conversions

Conversions Part 2

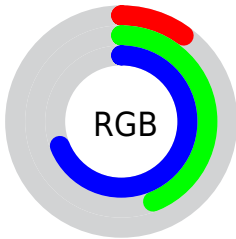
Format	Color
R _Y B	25, 80, 176
Decimal	1667248
CIE Lab	45.54, -0.99, -40.88
CIE LCh	46, 40.893, 268.610
Yxy	14.9296, 0.1944, 0.2068
Android (android.graphics.Color)	4279857328 (0xFF1970B0)
YUV	93.2830, 40.7795, -59.8842
Hunter-Lab	38.6388, -2.7964, -39.2670

Details

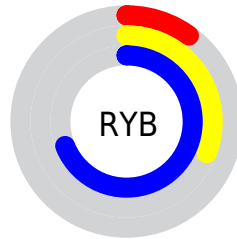
The YUV color **93.2830, 40.7795, -59.8842** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **107.7170, -40.7795, 59.8842**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4310, 39.7205, -46.8590**, and **52.1770, 34.9157, -45.7592** is the 20% darker color. If you saturate the color by 10%, you get **83.7920, 45.4585, -67.3466**, and if you desaturate by 10%, it is **102.7740, 36.1004, -52.4218**.

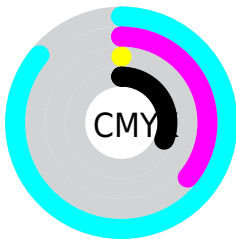
Distribution



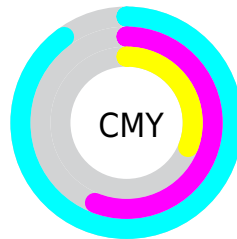
- Red (10%)
- Green (44%)
- Blue (69%)



- Red (10%)
- Yellow (31%)
- Blue (69%)



- Cyan (86%)
- Magenta (36%)
- Yellow (0%)
- Black (31%)



- Cyan (90%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.2830, 40.7795, -59.8842 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 93.2830, 40.7795, -59.8842 by changing the saturation by 10% instead.

■ 93.2830, 40.7795,
-59.8842

■ 93.2830, 40.7795,
-59.8842

■ 255.0000, 0.0000,
0.0000

■ 68.6420, 39.6165,
-60.1990

■ 151.4310, 39.7205,
-46.8590

■ 52.1770, 34.9157,
-45.7592

■ 178.8720, 37.5311,
-44.6147

■ 36.4130, 30.3624,
-31.9342

■ 203.9790, 25.1534,
-41.2006

■ 21.8230, 25.2303,
-19.1388

■ 229.3850, 12.6282,
-37.1716

■ 8.0480, 20.6823,
-7.0581

■ 243.3390, 5.7489,
-23.9763

■ 4.3660, 11.6516,
-3.8290

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 93.2830, 40.7795,
-59.8842

■ 93.2830, 40.7795,
-59.8842

■ 83.7920, 45.4585,
-67.3466

■ 102.7740, 36.1004,
-52.4218

■ 79.3510, 47.6480,
-69.5908

■ 112.5530, 31.2794,
-46.0890

■ 122.0440, 26.6003,
-38.6266

■ 131.8230, 21.7793,
-32.2938

■ 141.3140, 17.1002,
-24.8314

■ 151.3920, 12.1317,
-17.8838

■ 160.5840, 7.6001,
-11.0362

■ 170.6620, 2.6316,
-4.0886

■ 179.8540, -1.9000,
2.7590

Harmonies

Analogous

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



89.3640, 37.7815, -78.3722



93.2830, 40.7795, -59.8842



109.2580, 28.9598, -1.9803

Triad

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



93.2830, 40.7795, -59.8842



107.1550, -14.8664, 55.1151



94.3590, -11.5160, -39.7798

Complementary

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



93.2830, 40.7795, -59.8842



107.7170, -40.7795, 59.8842

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.



100.6270, -27.9171, -5.8119



93.2830, 40.7795, -59.8842



106.6360, -27.9215, 42.4152

Square

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



93.2830, 40.7795, -59.8842



108.6720, 1.1477, 52.0307



104.0110, -33.5294, 21.0384



85.3450, 9.6899, -74.8476

Rectangle

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



93.2830, 40.7795, -59.8842



111.2350, 20.5901, 22.5959



104.0110, -33.5294, 21.0384



97.1280, -17.8111, -27.2993

Sweetspot

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



93.2830, 40.7795, -59.8842



196.7980, 16.3686, -23.5018



120.8190, -16.1798, -84.0333



95.4310, 9.6475, -14.4100



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



93.2830, 40.7795, -59.8842



103.7040, 62.2639, -90.9484



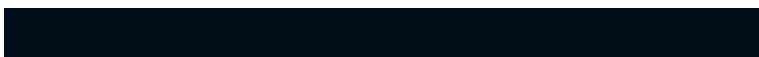
49.8450, 62.1944, -21.7891



83.9610, 2.4842, -3.4738



69.0980, 41.3637, -60.5989



11.7690, 7.0159, -10.3214

Inverse Universe

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



80.0670, 15.7430, 84.1332



83.8180, 23.7537, 128.2016



151.1550, -62.1944, 21.7891



83.2610, 0.8573, 5.0331



55.7790, 15.8850, 85.2628



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 93.2830, 40.7795, -59.8842 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 93.2830, 40.7795, -59.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

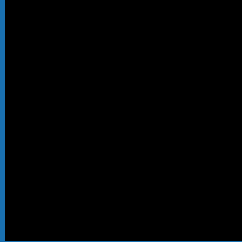
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.2830, 40.7795, -59.8842

Background



This preview shows how black text looks on a background with the YUV color 93.2830, 40.7795, -59.8842.



This preview shows how white text looks on a background with the YUV color 93.2830, 40.7795,

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

93.2830, 40.7795, -59.8842

Protanopia

105.8320, 31.6348, -20.0237

Deuteranopia

102.1120, 36.9198, -35.1782



Tritanopia

84.4450, 21.4726, -74.0583

Trichromacy



Original Color

93.2830, 40.7795, -59.8842

Protanomaly

101.5420, 34.7358, -34.6783

Deuteranomaly

98.8120, 38.5467, -43.6851

Tritanomaly

87.3130, 28.4397, -68.6805

Monochromacy



Original Color

93.2830, 40.7795, -59.8842

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0540, 14.7634, -21.9724

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2830, 40.7795, -59.8842 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(25, 112, 176)` looks like.

```
.text, #text, p{  
    color:rgb(25, 112, 176)  
}
```

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(25, 112, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 112, 176) }
```

Border

The CSS property to change the border of an element to YUV 93.2830, 40.7795, -59.8842 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(25, 112, 176) }
```


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

```
.border{ border-color:rgb(25, 112, 176) }
```

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

Here you see how a box with a 4 pixel rgb(25, 112, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 112, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 112, 176);  
box-shadow:4px 4px 4px 4px rgb(25, 112,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 93.2830, 40.7795, -59.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 112, 176) }
```

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

```
.background{ background-color: rgb(25, 112,  
176) }
```

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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