

Converting Colors

YUV(121.6410, 24.3340,
-58.4442)

Have a look what the booklet for
YUV(121.6410, 24.3340, -58.4442)
contains.

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Color

**YUV(121.6410, 24.3340,
-58.4442)**

Conversions

Conversions Part 1

Format	Color
Hex	3792AB
RGB	55, 146, 171
RGB Percent	22%, 57%, 67%
CMY	0.7843, 0.4275, 0.3294
CMYK	0.68, 0.15, 0.00, 0.33
HSL	193°, 51%, 44%
HSV	193°, 68%, 67%
XYZ	19.2051, 24.3103, 42.2082
YIQ	121.6410, -62.2610, -11.5170

Conversions

Conversions Part 2

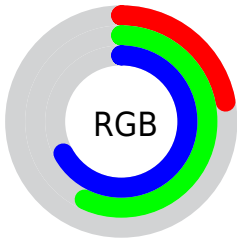
Format	Color
R_{YB}	55, 106, 171
Decimal	3642027
CIE _{Lab}	56.40, -18.65, -21.01
CIE _{LCh}	56, 28.093, 228.393
Yxy	24.3103, 0.2240, 0.2836
Android (android.graphics.Color)	4281832107 (0xFF3792AB)
YUV	121.6410, 24.3340, -58.4442
Hunter-Lab	49.3054, -16.7564, -16.2417

Details

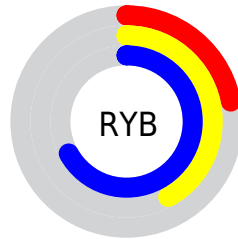
The YUV color **121.6410, 24.3340, -58.4442** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **104.3590, -24.3340, 58.4442**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8480, 23.7389, -54.2407**, and **69.3310, 24.4868, -60.8033** is the 20% darker color. If you saturate the color by 10%, you get **114.2100, 27.9975, -66.8362**, and if you desaturate by 10%, it is **129.0720, 20.6705, -50.0521**.

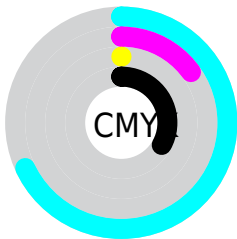
Distribution



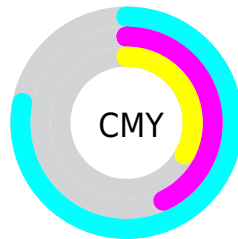
- Red (22%)
- Green (57%)
- Blue (67%)



- Red (22%)
- Yellow (42%)
- Blue (67%)



- Cyan (68%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (78%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6410, 24.3340, -58.4442 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 121.6410, 24.3340, -58.4442 by changing the saturation by 10% instead.

121.6410, 24.3340,
-58.4442

121.6410, 24.3340,
-58.4442

255.0000, 0.0000,
0.0000

89.5470, 26.8453,
-70.6397

177.8480, 23.7389,
-54.2407

69.3310, 24.4868,
-60.8033

205.9620, 24.1757,
-54.3407

52.3930, 20.5123,
-45.9487

230.4820, 12.0874,
-50.4117

36.7430, 16.3957,
-32.2236

239.4520, 7.6652,
-31.9684

22.4950, 12.5740,
-19.7281

248.1230, 3.3904,
-14.1399

3.6650, 11.5042,
-3.2142

0.0000, 0.0000,

0.0000

■ 121.6410, 24.3340,
-58.4442

■ 121.6410, 24.3340,
-58.4442

■ 114.2100, 27.9975,
-66.8362

■ 129.0720, 20.6705,
-50.0521

■ 107.3660, 31.3716,
-75.7430

■ 135.9160, 17.2964,
-41.1453

■ 99.9350, 35.0350,
-84.1350

■ 143.3470, 13.6329,
-32.7533

■ 98.1520, 35.9141,
-86.0793

■ 150.7780, 9.9694,
-24.3613

■ 157.6220, 6.5954,
-15.4545

■ 165.3520, 2.7845,
-6.4477

■ 172.7830, -0.8790,
1.9443

■ 179.6270, -4.2531,
10.8511

■ 187.0580, -7.9166,
19.2431

Harmonies

Analogous

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



120.1220, 14.7299, -57.9890



121.6410, 24.3340, -58.4442



129.0550, 26.5949, -36.8822

Triad

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



121.6410, 24.3340, -58.4442



138.8330, 3.5333, 33.4725



132.0010, -21.6925, 4.3841

Complementary

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



121.6410, 24.3340, -58.4442



104.3590, -24.3340, 58.4442

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.



134.4810, -22.9151, 23.2572



121.6410, 24.3340, -58.4442



137.4890, -8.1291, 40.7901

Square

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



121.6410, 24.3340, -58.4442



138.8830, 14.3547, 15.8886



135.9370, -17.7169, 36.0123



129.3340, -13.4757, -17.8329

Rectangle

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



121.6410, 24.3340, -58.4442



133.8940, 24.2093, -18.3240



135.9370, -17.7169, 36.0123



133.1050, -22.7298, 10.4319

Sweetspot

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



121.6410, 24.3340, -58.4442



202.6750, 9.5272, -22.5170



125.7140, -23.5230, -62.0162



100.4050, 5.7163, -13.5102



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



121.6410, 24.3340, -58.4442



145.2870, 37.8195, -90.5827



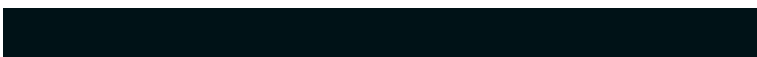
88.7690, 40.5399, -29.6154



83.1350, 1.9054, -4.5034



86.3660, 31.3716, -75.7430



13.1880, 4.8373, -11.5659

Inverse Universe

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



100.0580, 22.6494, 62.2161



111.8940, 35.0553, 96.5630



137.2310, -40.5399, 29.6154



81.4890, 1.7309, 4.8331



58.3020, 29.4311, 80.4191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 121.6410, 24.3340, -58.4442 looks on a white 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

Black Background



This preview shows how the YUV color 121.6410, 24.3340, -58.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

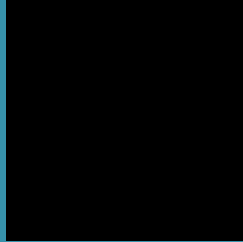
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.6410, 24.3340, -58.4442

Background



This preview shows how black text looks on a background with the YUV color 121.6410, 24.3340, -58.4442.



This preview shows how white text looks on a background with the YUV color 121.6410, 24.3340,

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

121.6410, 24.3340, -58.4442

Protanopia

134.8110, 13.4042, -5.9732

Deuteranopia

134.9940, 19.2300, -7.8877



Tritanopia

119.4680, 19.9823, -62.6774

Trichromacy



Original Color

121.6410, 24.3340, -58.4442

Protanomaly

130.0150, 17.2476, -25.4462

Deuteranomaly

130.0410, 21.1788, -26.3460

Tritanomaly

120.2340, 21.5766, -60.7182

Monochromacy



Original Color

121.6410, 24.3340, -58.4442

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1590, 8.7956, -21.1874

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6410, 24.3340, -58.4442 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(55, 146, 171)` looks like.

```
.text, #text, p{  
    color:rgb(55, 146, 171)  
}
```

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(55, 146, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 146, 171) }
```

Border

The CSS property to change the border of an element to YUV 121.6410, 24.3340, -58.4442 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(55, 146, 171) }
```


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

```
.border{ border-color:rgb(55, 146, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 146, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 146, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 146, 171);  
box-shadow:4px 4px 4px 4px rgb(55, 146,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 121.6410, 24.3340, -58.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 146, 171) }
```

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

```
.background{ background-color: rgb(55, 146,  
171) }
```

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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