

Converting Colors

YUV(95.1040, 22.1337,
-52.7112)

Have a look what the booklet for
YUV(95.1040, 22.1337, -52.7112)
contains.

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Color

**YUV(95.1040, 22.1337,
-52.7112)**

Conversions

Conversions Part 1

Format	Color
Hex	23758C
RGB	35, 117, 140
RGB Percent	14%, 46%, 55%
CMY	0.8627, 0.5412, 0.4510
CMYK	0.75, 0.16, 0.00, 0.45
HSL	193°, 60%, 34%
HSV	193°, 75%, 55%
XYZ	11.7881, 14.9734, 27.0798
YIQ	95.1040, -56.2550, -10.2310

Conversions

Conversions Part 2

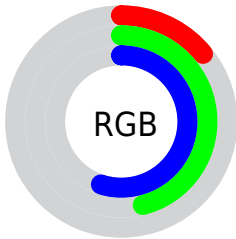
Format	Color
R_{YB}	35, 81, 140
Decimal	2323852
CIE _{Lab}	45.60, -16.16, -19.57
CIE _{LCh}	46, 25.381, 230.454
Yxy	14.9734, 0.2189, 0.2781
Android (android.graphics.Color)	4280513932 (0xFF23758C)
YUV	95.1040, 22.1337, -52.7112
Hunter-Lab	38.6954, -13.3393, -14.4055

Details

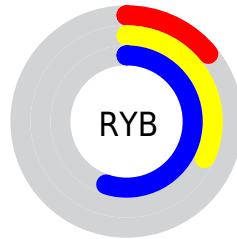
The YUV color **95.1040, 22.1337, -52.7112** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79.8960, -22.1337, 52.7112**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0230, 21.6807, -47.3782**, and **50.7630, 19.3438, -44.5192** is the 20% darker color. If you saturate the color by 10%, you get **89.1570, 25.0656, -59.7737**, and if you desaturate by 10%, it is **101.0510, 19.2019, -45.6487**.

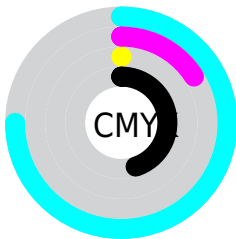
Distribution



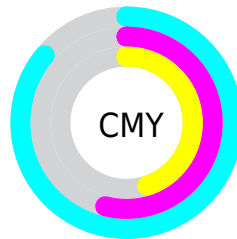
- Red (14%)
- Green (46%)
- Blue (55%)



- Red (14%)
- Yellow (32%)
- Blue (55%)



- Cyan (75%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (86%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1040, 22.1337, -52.7112 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 95.1040, 22.1337, -52.7112 by changing the saturation by 10% instead.

95.1040, 22.1337,
-52.7112

95.1040, 22.1337,
-52.7112

255.0000, 0.0000,
0.0000

67.0000, 23.1710,
-58.7590

150.0230, 21.6807,
-47.3782

50.7630, 19.3438,
-44.5192

177.4360, 21.9701,
-46.8634

34.5260, 15.5167,
-30.2793

206.0230, 21.6807,
-47.3782

20.8650, 11.4056,
-18.2986

231.7000, 11.4869,
-44.4639

3.3230, 10.1938,
-2.9143

241.5450, 6.6333,
-27.6650

0.0000, 0.0000,
0.0000

250.2160, 2.3585,

-9.8364

■ 95.1040, 22.1337,
-52.7112

■ 95.1040, 22.1337,
-52.7112

■ 89.1570, 25.0656,
-59.7737

■ 101.0510, 19.2019,
-45.6487

■ 83.2100, 27.9975,
-66.8362

■ 106.9980, 16.2700,
-38.5862

■ 79.9430, 29.6081,
-70.1100

■ 112.9450, 13.3381,
-31.5238

■ 118.8920, 10.4062,
-24.4613

■ 124.8390, 7.4744,
-17.3988

■ 130.7860, 4.5425,
-10.3363

■ 136.7330, 1.6106,
-3.2738

■ 143.2670, -1.6106,
3.2738

■ 149.2140, -4.5425,
10.3363

Harmonies

Analogous

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



93.3290, 14.1348, -53.7855



95.1040, 22.1337, -52.7112



102.7630, 22.7948, -31.3642

Triad

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



95.1040, 22.1337, -52.7112



110.5830, 2.6706, 30.1837



104.9020, -18.1927, 1.8399

Complementary

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



95.1040, 22.1337, -52.7112



79.8960, -22.1337, 52.7112

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.



106.8440, -20.1361, 18.5538



95.1040, 22.1337, -52.7112



109.5700, -7.6760, 35.4571

Square

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



95.1040, 22.1337, -52.7112



110.6010, 12.0287, 15.2589



108.3600, -15.9535, 30.3793



102.0290, -10.8603, -16.6884

Rectangle

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



95.1040, 22.1337, -52.7112



106.7050, 20.8514, -14.6503



108.3600, -15.9535, 30.3793



105.8920, -19.6668, 7.9877

Sweetspot

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



95.1040, 22.1337, -52.7112



163.1590, 8.7956, -21.1874



99.2570, -20.3397, -56.3534



80.7040, 5.5689, -12.8954



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



95.1040, 22.1337, -52.7112



111.1310, 34.4454, -81.6759



64.5800, 37.1821, -25.9417



65.7330, 1.6106, -3.2738



76.2100, 27.9975, -66.8362



2.9180, 1.0264, -2.5591

Inverse Universe

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



75.7430, 20.3397, 56.3534



81.2150, 31.4460, 87.5114



110.4200, -37.1821, 25.9417



64.6630, 1.1521, 3.8035



51.6230, 25.8219, 71.3676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 95.1040, 22.1337, -52.7112 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 95.1040, 22.1337, -52.7112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

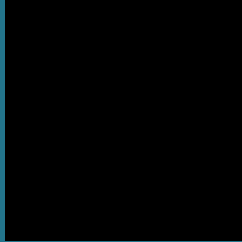
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1040, 22.1337, -52.7112

Background



This preview shows how black text looks on a background with the YUV color 95.1040, 22.1337, -52.7112.

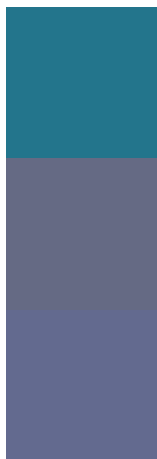


This preview shows how white text looks on a background with the YUV color 95.1040, 22.1337,

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

95.1040, 22.1337, -52.7112

Protanopia

107.4690, 12.0938, -5.6733

Deuteranopia

108.1250, 17.1934, -8.0026



Tritanopia

92.0340, 18.2242, -58.7888

Trichromacy



Original Color

95.1040, 22.1337, -52.7112

Protanomaly

102.9830, 15.7844, -22.7871

Deuteranomaly

103.4820, 18.9894, -24.1017

Tritanomaly

93.0990, 19.6712, -56.2148

Monochromacy



Original Color

95.1040, 22.1337, -52.7112

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9420, 7.9166, -19.2431

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1040, 22.1337, -52.7112 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(35, 117, 140)` looks like.

```
.text, #text, p{  
    color:rgb(35, 117, 140)  
}
```

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(35, 117, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 117, 140) }
```

Border

The CSS property to change the border of an element to YUV 95.1040, 22.1337, -52.7112 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(35, 117, 140) }
```


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

```
.border{ border-color:rgb(35, 117, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 117, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 117, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 117, 140);  
box-shadow:4px 4px 4px 4px rgb(35, 117,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 95.1040, 22.1337, -52.7112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 117, 140) }
```

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

```
.background{ background-color: rgb(35, 117,  
140) }
```

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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