

Converting Colors

YUV(55.0910, 32.0001,
-43.9298)

Have a look what the booklet for
YUV(55.0910, 32.0001, -43.9298)
contains.

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Color

**YUV(55.0910, 32.0001,
-43.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	054478
RGB	5, 68, 120
RGB Percent	2%, 27%, 47%
CMY	0.9804, 0.7333, 0.5294
CMYK	0.96, 0.43, 0.00, 0.53
HSL	207°, 92%, 25%
HSV	207°, 96%, 47%
XYZ	5.5199, 5.5226, 18.5443
YIQ	55.0910, -54.2400, 2.8160

Conversions

Conversions Part 2

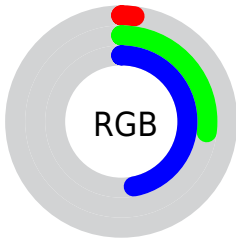
Format	Color
R_{YB}	5, 46, 120
Decimal	345208
CIE _{Lab}	28.17, 3.22, -34.70
CIE _{LCh}	28, 34.848, 275.302
Yxy	5.5226, 0.1866, 0.1867
Android (android.graphics.Color)	4278535288 (0xFF054478)
YUV	55.0910, 32.0001, -43.9298
Hunter-Lab	23.5002, 0.8020, -30.3365

Details

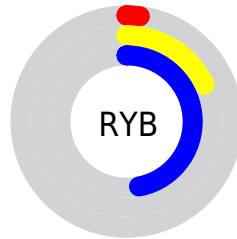
The YUV color **55.0910, 32.0001, -43.9298** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **69.9090, -32.0001, 43.9298**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.2390, 30.9412, -30.9046**, and **23.3560, 23.4885, -20.4832** is the 20% darker color. If you saturate the color by 10%, you get **52.4220, 33.3160, -45.9741**, and if you desaturate by 10%, it is **61.6140, 28.7843, -39.1265**.

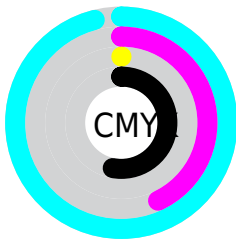
Distribution



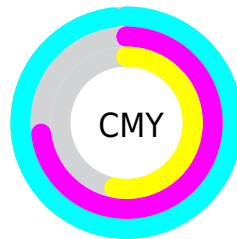
- Red (2%)
- Green (27%)
- Blue (47%)



- Red (2%)
- Yellow (18%)
- Blue (47%)



- Cyan (96%)
- Magenta (43%)
- Yellow (0%)
- Black (53%)



- Cyan (98%)
- Magenta (73%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.0910, 32.0001, -43.9298 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 55.0910, 32.0001, -43.9298 by changing the saturation by 10% instead.

■ 55.0910, 32.0001,
-43.9298

■ 55.0910, 32.0001,
-43.9298

■ 255.0000, 0.0000,
0.0000

■ 37.8320, 28.1838,
-33.1787

■ 110.2390, 30.9412,
-30.9046

■ 23.3560, 23.4885,
-20.4832

■ 136.3640, 31.3725,
-29.2602

■ 7.8200, 19.8087,
-6.8581

■ 163.1900, 31.9513,
-28.2306

■ 3.5510, 11.0674,
-3.1142

■ 190.4890, 31.8039,
-27.6159

■ 0.0000, 0.0000,
0.0000

■ 215.2970, 19.5736,
-24.8165

■ 240.9910, 6.9064,

-21.9171

252.0100, 1.4741,
-6.1478

55.0910, 32.0001,
-43.9298

55.0910, 32.0001,
-43.9298

52.4220, 33.3160,
-45.9741

61.6140, 28.7843,
-39.1265

68.7240, 25.2791,
-34.8379

75.2470, 22.0632,
-30.0346

82.3570, 18.5580,
-25.7461

88.8800, 15.3422,
-20.9428

■ 95.9900, 11.8369,
-16.6542

■ 102.5130, 8.6211,
-11.8509

■ 109.0360, 5.4053,
-7.0476

■ 116.1460, 1.9000,
-2.7590

Harmonies

Analogous

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



57.1350, 28.5274, -50.1074



55.0910, 32.0001, -43.9298



67.8260, 20.7918, 4.5376

Triad

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



55.0910, 32.0001, -43.9298



64.7080, -13.6600, 41.4751



50.6880, -3.7902, -44.4534

Complementary

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



55.0910, 32.0001, -43.9298



69.9090, -32.0001, 43.9298

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.



59.9560, -20.1913, -10.4854



55.0910, 32.0001, -43.9298



64.5850, -23.9524, 29.3050

Square

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



55.0910, 32.0001, -43.9298



65.3350, -1.1512, 42.6792



62.7370, -27.9713, 11.6317



54.4670, 8.1508, -47.7676

Rectangle

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



55.0910, 32.0001, -43.9298



68.2260, 14.1856, 23.4808



62.7370, -27.9713, 11.6317



55.3540, -10.5275, -30.1285

Sweetspot

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



55.0910, 32.0001, -43.9298



129.9190, 12.8579, -17.4690



78.4330, -10.5665, -64.4007



63.5840, 7.6001, -11.0362



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



55.0910, 32.0001, -43.9298



67.6790, 43.5423, -59.3545



21.6320, 48.4954, -14.5863



57.4450, 1.7526, -2.1443



54.1660, 34.9212, -47.5036



109.7340, 70.1371, -96.2367

Inverse Universe

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



46.5670, 10.5665, 64.4007



56.3340, 14.1323, 87.4071



103.3680, -48.4954, 14.5863



57.1360, 0.4260, 3.3887



45.1270, 11.2764, 70.0486



91.0800, 23.1316, 141.1268

Previews

White Background



This preview shows how the YUV color 55.0910, 32.0001, -43.9298 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 ✓ Pass

Black Background



This preview shows how the YUV color 55.0910, 32.0001, -43.9298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

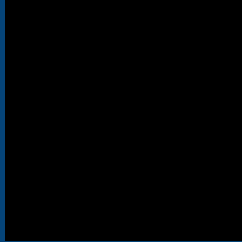
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.0910, 32.0001, -43.9298

Background



This preview shows how black text looks on a background with the YUV color 55.0910, 32.0001, -43.9298.



This preview shows how white text looks on a background with the YUV color 55.0910, 32.0001,

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

55.0910, 32.0001, -43.9298

Protanopia

64.3500, 25.9565, -18.7239

Deuteranopia

56.5860, 31.2631, -40.8559



Tritanopia

52.4440, 13.0921, -45.9934

Trichromacy



Original Color

55.0910, 32.0001, -43.9298

Protanomaly

60.8650, 28.1676, -27.9456

Deuteranomaly

55.9880, 31.5579, -42.0855

Tritanomaly

53.5780, 19.9280, -45.2339

Monochromacy



Original Color

55.0910, 32.0001, -43.9298

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2890, 11.6895, -16.0395

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.0910, 32.0001, -43.9298 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(5, 68, 120)` looks like.

```
.text, #text, p{  
    color:rgb(5, 68, 120)  
}
```

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(5, 68, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 68, 120) }
```

Border

The CSS property to change the border of an element to YUV 55.0910, 32.0001, -43.9298 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(5, 68, 120) }
```


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

```
.border{ border-color:rgb(5, 68, 120) }
```

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

Here you see how a box with a 4 pixel rgb(5, 68, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 68, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 68, 120);  
box-shadow:4px 4px 4px 4px rgb(5, 68, 120)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.0910, 32.0001, -43.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 68, 120) }
```

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

```
.background{ background-color: rgb(5, 68,  
120) }
```

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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