

Converting Colors

YUV(155.6710, 42.5602,
-24.2675)

Have a look what the booklet for
YUV(155.6710, 42.5602, -24.2675)
contains.

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Color

**YUV(155.6710, 42.5602,
-24.2675)**

Conversions

Conversions Part 1

Format	Color
Hex	8099F2
RGB	128, 153, 242
RGB Percent	50%, 60%, 95%
CMY	0.4980, 0.4000, 0.0510
CMYK	0.47, 0.37, 0.00, 0.05
HSL	227°, 81%, 73%
HSV	227°, 47%, 95%
XYZ	36.3203, 33.7825, 88.6108
YIQ	155.6710, -43.4690, 22.3790

Conversions

Conversions Part 2

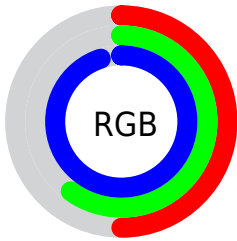
Format	Color
RYB	128, 149, 242
Decimal	8428018
CIELab	64.79, 14.60, -47.43
CIELCh	65, 49.631, 287.111
Yxy	33.7825, 0.2288, 0.2129
Android (android.graphics.Color)	4286618098 (0xFF8099F2)
YUV	155.6710, 42.5602, -24.2675
Hunter-Lab	58.1227, 9.8283, -49.7045

Details

The YUV color **155.6710, 42.5602, -24.2675** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **214.3290, -42.5602, 24.2675**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1930, 24.0619, -17.7093**, and **101.8940, 40.9713, -27.9710** is the 20% darker color. If you saturate the color by 10%, you get **137.3420, 51.5964, -29.2409**, and if you desaturate by 10%, it is **174.0000, 33.5240, -19.2940**.

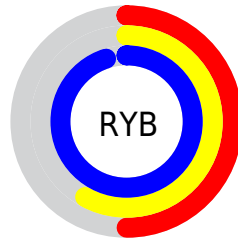
Distribution



Red (50%)

Green (60%)

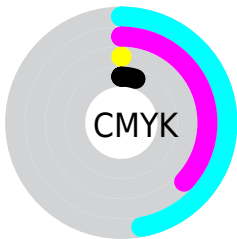
Blue (95%)



Red (50%)

Yellow (58%)

Blue (95%)

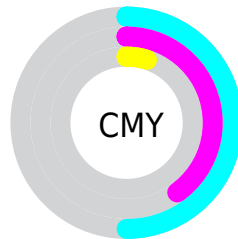


Cyan (47%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (50%)

Magenta (40%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.6710, 42.5602, -24.2675 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 155.6710, 42.5602, -24.2675 by changing the saturation by 10% instead.

■ 155.6710, 42.5602,
-24.2675

■ 155.6710, 42.5602,
-24.2675

255.0000, 0.0000,
0.0000

■ 128.4320, 41.6920,
-25.8119

■ 206.1930, 24.0619,
-17.7093

■ 101.8940, 40.9713,
-27.9710

■ 231.3000, 11.6841,
-14.2951

■ 75.1490, 40.8455,
-34.3337

■ 251.7110, 1.6215,
-6.7625

■ 47.9200, 41.4514,
-42.0258

■ 33.2160, 35.8825,
-29.1304

■ 18.0390, 31.0398,
-15.8202

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 155.6710, 42.5602,
-24.2675

■ 155.6710, 42.5602,
-24.2675

■ 137.3420, 51.5964,
-29.2409

■ 174.0000, 33.5240,
-19.2940

■ 119.0130, 60.6326,
-34.2144

■ 192.3290, 24.4878,
-14.3205

■ 100.3850, 69.8162,
-39.8026

■ 210.9570, 15.3042,
-8.7323

■ 82.0560, 78.8524,
-44.7761

■ 229.2860, 6.2680,
-3.7588

■ 64.3140, 87.5992,
-50.2644

■ 247.0280, -2.4788,
1.7294

■ 58.6990, 90.3674,
-51.4790

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



125.7310, 57.8136, -110.2661



155.6710, 42.5602, -24.2675



161.8040, 27.7046, 27.3589

Triad

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



155.6710, 42.5602, -24.2675



156.6710, -30.8968, 63.4325



121.7840, 7.0085, -101.5426

Complementary

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



155.6710, 42.5602, -24.2675



214.3290, -42.5602, 24.2675

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.



144.2600, -24.7782, -32.6770



155.6710, 42.5602, -24.2675



154.2430, -42.0248, 39.2519

Square

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



155.6710, 42.5602, -24.2675



157.3620, -12.0105, 72.4735



150.6750, -40.7588, 6.4240



126.4080, 27.4069, -110.8598

Rectangle

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



155.6710, 42.5602, -24.2675



161.1570, 15.6986, 51.6053



150.6750, -40.7588, 6.4240



135.6330, -7.2141, -66.3301

Sweetspot

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



155.6710, 42.5602, -24.2675



227.8000, 13.4096, -7.7176



204.8360, 5.0109, -67.3852



111.4430, 8.1626, -4.7735



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



155.6710, 42.5602, -24.2675



145.3140, 54.0752, -30.9704



149.9660, 45.3728, 7.0458



110.5420, 4.6628, -2.2293



44.4560, 68.7952, -38.9879



13.4280, 20.9880, -11.7764

Inverse Universe

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



164.9360, -5.8844, 67.5851



157.0030, -7.3965, 85.9434



220.0340, -45.3728, -7.0458



111.8160, -0.8953, 7.1774



59.5760, -9.6510, 109.1198



18.1120, -3.0132, 33.2278

Previews

White Background



This preview shows how the YUV color 155.6710, 42.5602, -24.2675 looks on a white background.

Color Contrast Check

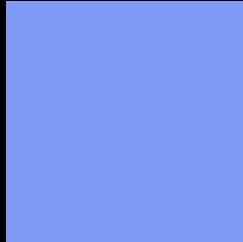
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 155.6710, 42.5602, -24.2675 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 ✓ Pass

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

YUV 155.6710, 42.5602, -24.2675

Background



This preview shows how black text looks on a background with the YUV color 155.6710, 42.5602, -24.2675.



This preview shows how white text looks on a background with the YUV color 155.6710, 42.5602, -24.2675.

-24.2675.

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

155.6710, 42.5602, -24.2675

Protanopia

155.1760, 43.2972, -27.3414

Deuteranopia

153.1320, 43.3189, -34.3188



Tritanopia

150.7380, 13.9332, -35.7272

Trichromacy



Original Color

155.6710, 42.5602, -24.2675

Protanomaly

155.4750, 43.1498, -26.7266

Deuteranomaly

154.0400, 42.8713, -30.7301

Tritanomaly

152.5180, 24.3946, -31.1493

Monochromacy



Original Color

155.6710, 42.5602, -24.2675

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9570, 15.3042, -8.7323

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.6710, 42.5602, -24.2675 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(128, 153, 242)` looks like.

```
.text, #text, p{  
    color:rgb(128, 153, 242)  
}
```

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(128, 153, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 153, 242) }
```

Border

The CSS property to change the border of an element to YUV 155.6710, 42.5602, -24.2675 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(128, 153, 242) }
```


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

```
.border{ border-color:rgb(128, 153, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 153, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 153, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 153, 242);  
box-shadow:4px 4px 4px 4px rgb(128, 153,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 155.6710, 42.5602, -24.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 153, 242) }
```

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

```
.background{ background-color: rgb(128,  
153, 242) }
```

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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