

Converting Colors

YUV(155.2270, 32.4261,
-40.5411)

Have a look what the booklet for
YUV(155.2270, 32.4261, -40.5411)
contains.

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Color

**YUV(155.2270, 32.4261,
-40.5411)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA6DD
RGB	109, 166, 221
RGB Percent	43%, 65%, 87%
CMY	0.5725, 0.3490, 0.1333
CMYK	0.51, 0.25, 0.00, 0.13
HSL	209°, 62%, 65%
HSV	209°, 51%, 87%
XYZ	32.9940, 35.7441, 73.5669
YIQ	155.2270, -51.6270, 5.0210

Conversions

Conversions Part 2

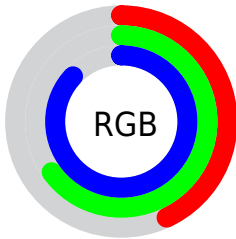
Format	Color
R_{YB}	109, 147, 221
Decimal	7186141
CIE _{Lab}	66.32, -3.44, -33.56
CIE _{LCh}	66, 33.736, 264.141
Yxy	35.7441, 0.2319, 0.2512
Android (android.graphics.Color)	4285376221 (0xFF6DA6DD)
YUV	155.2270, 32.4261, -40.5411
Hunter-Lab	59.7864, -6.1182, -31.1057

Details

The YUV color **155.2270, 32.4261, -40.5411** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **174.7730, -32.4261, 40.5411**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4310, 22.9585, -37.2120**, and **100.4930, 32.2950, -45.1594** is the 20% darker color. If you saturate the color by 10%, you get **142.1920, 38.8523, -48.4034**, and if you desaturate by 10%, it is **168.2620, 25.9998, -32.6788**.

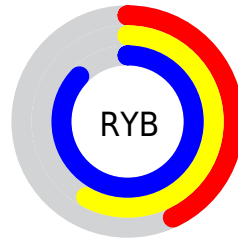
Distribution



Red (43%)

Green (65%)

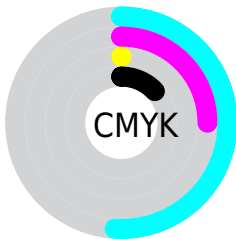
Blue (87%)



Red (43%)

Yellow (58%)

Blue (87%)

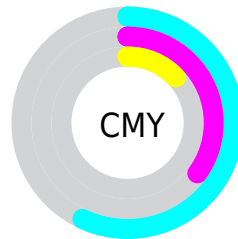


Cyan (51%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (57%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.2270, 32.4261, -40.5411 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 155.2270, 32.4261, -40.5411 by changing the saturation by 10% instead.

■ 155.2270, 32.4261,
-40.5411

■ 155.2270, 32.4261,
-40.5411

255.0000, 0.0000,
0.0000

■ 128.1020, 31.9947,
-42.1855

■ 208.4310, 22.9585,
-37.2120

■ 100.4930, 32.2950,
-45.1594

■ 233.5380, 10.5808,
-33.7978

■ 68.9750, 34.5223,
-59.6141

■ 245.7310, 4.5696,
-19.0581

■ 52.2110, 29.9690,
-45.7890

254.7010, 0.1474,
-0.6148

■ 36.5610, 25.8524,
-32.0640

■ 22.0850, 21.1571,
-19.3685

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 155.2270, 32.4261,
-40.5411

■ 155.2270, 32.4261,
-40.5411

■ 142.1920, 38.8523,
-48.4034

■ 168.2620, 25.9998,
-32.6788

■ 129.1570, 45.2786,
-56.2657

■ 181.2970, 19.5736,
-24.8165

■ 116.1220, 51.7049,
-64.1280

■ 194.3320, 13.1473,
-16.9542

■ 103.6740, 57.8417,
-72.5051

■ 206.7800, 7.0105,
-8.5771

■ 90.9380, 64.1206,
-79.7526

■ 219.8150, 0.5842,
-0.7148

■ 233.1490, -5.9895,
7.7623

■ 243.4930,
-11.0890, 10.0916

■ 249.9500,
-14.2723, 4.4289

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



144.5020, 31.7975, -72.3543



155.2270, 32.4261, -40.5411



163.1390, 26.0605, -5.3839

Triad

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



155.2270, 32.4261, -40.5411



163.4040, -12.5242, 50.5117



152.5670, -13.5905, -27.6843

Complementary

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



155.2270, 32.4261, -40.5411



174.7730, -32.4261, 40.5411

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.



156.9420, -25.6074, 0.0509



155.2270, 32.4261, -40.5411



161.9610, -24.1378, 42.1302

Square

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



155.2270, 32.4261, -40.5411



165.3290, 1.3168, 44.4385



159.5860, -28.8829, 24.0421



146.2720, 3.8099, -55.4895

Rectangle

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



155.2270, 32.4261, -40.5411



164.9630, 19.7382, 15.8184



159.5860, -28.8829, 24.0421



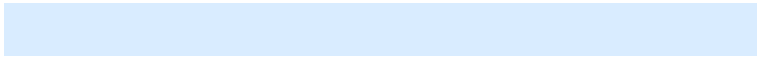
154.0690, -18.2750, -18.4775

Sweetspot

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



155.2270, 32.4261, -40.5411



232.4850, 11.0999, -13.5803



180.9000, -8.8247, -63.0563



114.0790, 6.8631, -7.9623



0.0000, 0.0000, 0.0000



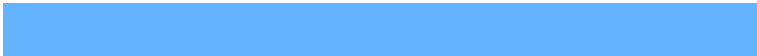
128.0000, 0.0000, 0.0000

Same Dimension

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



155.2270, 32.4261, -40.5411



163.7440, 44.9892, -56.7805



122.9420, 48.3426, -12.2271



103.1890, 3.3578, -3.6738



71.3780, 50.0996, -62.5985



18.7450, 13.4367, -16.4394

Inverse Universe

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



148.9860, 8.3879, 63.1563



154.7640, 11.9483, 87.9070



207.0580, -48.3426, 12.2271



102.8590, 0.5625, 6.2627



61.7590, 12.9368, 97.5584



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 155.2270, 32.4261, -40.5411 looks on a white background.

Color Contrast Check

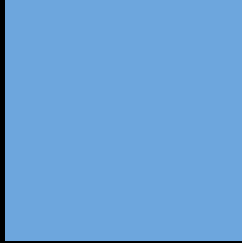
Large Text (above 18pt) WCAG AA × Fail

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 155.2270, 32.4261, -40.5411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

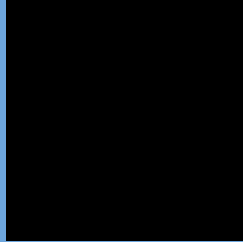
Any Text WCAG AA ✓ Pass

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 155.2270, 32.4261, -40.5411 Background



This preview shows how black text looks on a background with the YUV color 155.2270, 32.4261, -40.5411.



This preview shows how white text looks on a background with the YUV color 155.2270, 32.4261, -40.5411.

-40.5411.

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

155.2270, 32.4261, -40.5411

Protanopia

160.8990, 26.6718, -14.8204

Deuteranopia

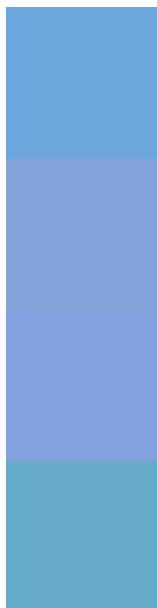
160.6150, 30.7558, -18.0794



Tritanopia

151.1710, 17.1707, -47.5080

Trichromacy



Original Color

155.2270, 32.4261, -40.5411

Protanomaly

159.0010, 28.5935, -24.5569

Deuteranomaly

158.9730, 31.0723, -26.2863

Tritanomaly

152.6750, 22.8382, -45.3190

Monochromacy



Original Color

155.2270, 32.4261, -40.5411

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0010, 11.8315, -14.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.2270, 32.4261, -40.5411 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(109, 166, 221)` looks like.

```
.text, #text, p{  
    color:rgb(109, 166, 221)  
}
```

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(109, 166, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 166, 221) }
```

Border

The CSS property to change the border of an element to YUV 155.2270, 32.4261, -40.5411 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(109, 166, 221) }
```


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

```
.border{ border-color:rgb(109, 166, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 166, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 166, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 166, 221);  
box-shadow:4px 4px 4px 4px rgb(109, 166,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 155.2270, 32.4261, -40.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 166, 221) }
```

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

```
.background{ background-color: rgb(109,  
166, 221) }
```

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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