

Converting Colors

YUV(95.0690, -21.7260,
-31.6325)

Have a look what the booklet for
YUV(95.0690, -21.7260, -31.6325)
contains.

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Color

**YUV(95.0690, -21.7260,
-31.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7A33
RGB	59, 122, 51
RGB Percent	23%, 48%, 20%
CMY	0.7686, 0.5216, 0.8000
CMYK	0.52, 0.00, 0.58, 0.52
HSL	113°, 41%, 34%
HSV	113°, 58%, 48%
XYZ	9.3607, 15.0879, 5.5509
YIQ	95.0690, -14.7570, -35.4370

Conversions

Conversions Part 2

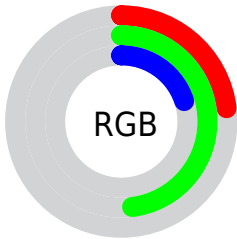
Format	Color
RYB	51, 122, 114
Decimal	3897907
CIELab	45.75, -35.28, 32.31
CIELCh	46, 47.843, 137.513
Yxy	15.0879, 0.3120, 0.5029
Android (android.graphics.Color)	4282087987 (0xFF3B7A33)
YUV	95.0690, -21.7260, -31.6325
Hunter-Lab	38.8431, -24.9592, 18.7174

Details

The YUV color **95.0690, -21.7260, -31.6325** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **77.9310, 21.7260, 31.6325**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6130, -23.4732, -31.2326**, and **42.4920, -19.9626, -37.2655** is the 20% darker color. If you saturate the color by 10%, you get **90.4120, -25.3461, -37.1953**, and if you desaturate by 10%, it is **99.7260, -18.1059, -26.0697**.

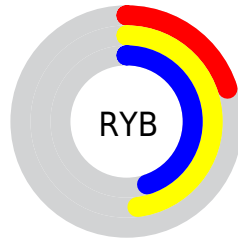
Distribution



Red (23%)

Green (48%)

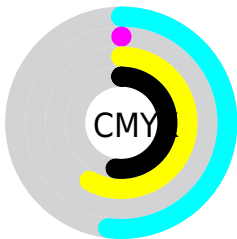
Blue (20%)



Red (20%)

Yellow (48%)

Blue (45%)

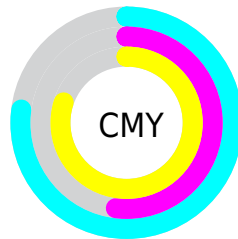


Cyan (52%)

Magenta (0%)

Yellow (58%)

Black (52%)



Cyan (77%)

Magenta (52%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0690, -21.7260, -31.6325 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 95.0690, -21.7260, -31.6325 by changing the saturation by 10% instead.

■ 95.0690, -21.7260,
-31.6325

■ 95.0690, -21.7260,
-31.6325

255.0000, 0.0000,
0.0000

■ 69.5850, -20.9944,
-32.9620

■ 147.6130,
-23.4732, -31.2326

■ 42.4920, -19.9626,
-37.2655

■ 174.6730,
-24.4888, -32.1622

■ 28.7630, -14.1802,
-25.2252

■ 202.5590,
-24.9256, -32.0622

■ 17.0230, -8.3923,
-14.9292

■ 228.0970,
-24.2048, -29.9031

■ 0.0000, 0.0000,
0.0000

■ 239.5470,
-16.5387, -15.3887

■ 251.5240, -8.1463,

-0.4595

■ 95.0690, -21.7260,
-31.6325

■ 95.0690, -21.7260,
-31.6325

■ 90.4120, -25.3461,
-37.1953

■ 99.7260, -18.1059,
-26.0697

■ 85.7550, -28.9662,
-42.7581

■ 104.3830,
-14.4858, -20.5069

■ 81.2830, -33.1705,
-47.6062

■ 108.8550,
-10.2815, -15.6588

■ 76.6260, -36.7906,
-53.1690

■ 113.5120, -6.6614,
-10.0960

■ 75.8000, -37.3694,
-54.1986

■ 118.1690, -3.0413,
-4.5332

■ 122.8260, 0.5788,
1.0296

■ 127.4830, 4.1989,
6.5924

■ 132.2540, 8.2558,
12.0552

■ 136.6120, 12.0233,
17.0033

Harmonies

Analogous

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



100.9460, -38.4274, 5.3094



95.0690, -21.7260, -31.6325



84.2220, 2.8486, -73.8627

Triad

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



95.0690, -21.7260, -31.6325



90.4700, 47.0963, -79.3422



106.3010, -9.5154, 65.5110

Complementary

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



95.0690, -21.7260, -31.6325



77.9310, 21.7260, 31.6325

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.



108.7570, 8.9938, 55.4641



95.0690, -21.7260, -31.6325



105.7480, 39.0712, -25.2120

Square

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



95.0690, -21.7260, -31.6325



92.4130, 36.7714, -81.0462



111.5110, 25.3841, 24.9849



105.5390, -27.3807, 55.6553

Rectangle

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



95.0690, -21.7260, -31.6325



88.0010, 14.7895, -77.1769



111.5110, 25.3841, 24.9849



106.6090, -3.2582, 65.2409

Sweetspot

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



95.0690, -21.7260, -31.6325



147.7460, -8.2558, -12.0552



109.2100, -28.6975, 11.2168



72.9900, -4.9251, -7.0072



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.



95.0690, -21.7260, -31.6325



116.0440, -34.0387, -49.1506



95.7550, -8.7532, -39.2501



58.8210, -1.8838, -2.4740



77.5610, -38.2376, -55.7430



156.2960, -77.0539, -112.5156

Inverse Universe

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



77.9310, 21.7260, 31.6325



89.2550, 33.8913, 49.7654



77.2450, 8.7532, 39.2501



57.4780, 1.7363, 3.0888



47.4390, 38.2376, 55.7430



95.7040, 77.0539, 112.5156

Previews

White Background



This preview shows how the YUV color 95.0690, -21.7260, -31.6325 looks on a white background.

Color Contrast Check

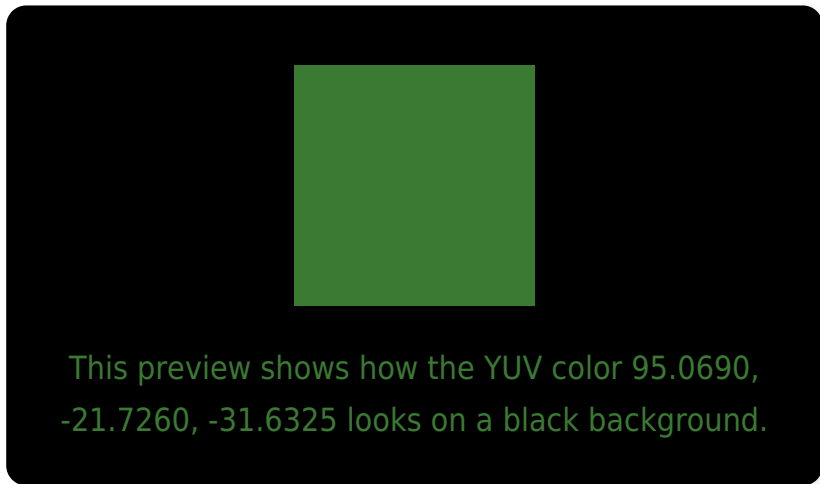
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 95.0690, -21.7260, -31.6325

Background



This preview shows how black text looks on a background with the YUV color 95.0690, -21.7260, -31.6325.



This preview shows how white text looks on a background with the YUV color 95.0690, -21.7260,

-31.6325.

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

95.0690, -21.7260, -31.6325

Protanopia

104.6340, -28.4136, 13.4760

Deuteranopia

106.3130, -24.8043, 22.5275



Tritanopia

103.7670, 9.9749, -26.1057

Trichromacy



Original Color

95.0690, -21.7260, -31.6325

Protanomaly

101.1050, -26.1808, -2.7231

Deuteranomaly

102.1210, -23.7237, 2.5249

Tritanomaly

100.9550, -1.9498, -28.0245

Monochromacy



Original Color

95.0690, -21.7260, -31.6325

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1590, -7.9664, -11.5404

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0690, -21.7260, -31.6325 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(59, 122, 51)` looks like.

```
.text, #text, p{  
    color:rgb(59, 122, 51)  
}
```

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(59, 122, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 122, 51) }
```

Border

The CSS property to change the border of an element to YUV 95.0690, -21.7260, -31.6325 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(59, 122, 51) }
```


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

```
.border{ border-color:rgb(59, 122, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 122, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 122, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 122, 51);  
box-shadow:4px 4px 4px 4px rgb(59, 122,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 95.0690, -21.7260, -31.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 122, 51) }
```

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

```
.background{ background-color: rgb(59, 122,  
51) }
```

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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