

Converting Colors

YUV(120.1350, -41.9716,
-24.6744)

Have a look what the booklet for
YUV(120.1350, -41.9716, -24.6744)
contains.

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Color

**YUV(120.1350, -41.9716,
-24.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9723
RGB	92, 151, 35
RGB Percent	36%, 59%, 14%
CMY	0.6392, 0.4078, 0.8627
CMYK	0.39, 0.00, 0.77, 0.41
HSL	91°, 62%, 36%
HSV	91°, 77%, 59%
XYZ	15.7836, 24.5299, 5.4930
YIQ	120.1350, 2.0720, -48.5840

Conversions

Conversions Part 2

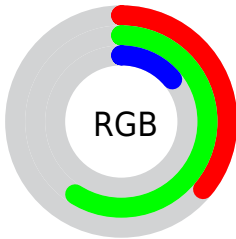
Format	Color
RYB	35, 151, 94
Decimal	6068003
CIELab	56.61, -38.17, 51.30
CIElCh	57, 63.938, 126.650
Yxy	24.5299, 0.3446, 0.5355
Android (android.graphics.Color)	4284258083 (0xFF5C9723)
YUV	120.1350, -41.9716, -24.6744
Hunter-Lab	49.5276, -29.7885, 28.0937

Details

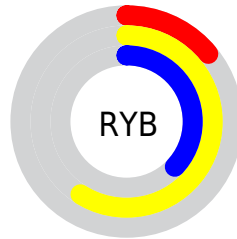
The YUV color **120.1350, -41.9716, -24.6744** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **65.8650, 41.9716, 24.6744**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0210, -42.4084, -24.5744**, and **68.8770, -33.9564, -28.8331** is the 20% darker color. If you saturate the color by 10%, you get **116.0330, -47.3443, -28.0929**, and if you desaturate by 10%, it is **124.2370, -36.5988, -21.2558**.

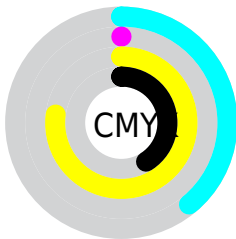
Distribution



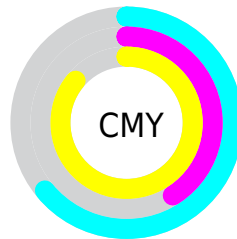
- Red (36%)
- Green (59%)
- Blue (14%)



- Red (14%)
- Yellow (59%)
- Blue (37%)



- Cyan (39%)
- Magenta (0%)
- Yellow (77%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1350, -41.9716, -24.6744 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 120.1350, -41.9716, -24.6744 by changing the saturation by 10% instead.

■ 120.1350,
-41.9716, -24.6744

■ 120.1350,
-41.9716, -24.6744

■ 255.0000, 0.0000,
0.0000

■ 92.8100, -45.7553,
-24.3894

■ 175.0210,
-42.4084, -24.5744

■ 68.8770, -33.9564,
-28.8331

■ 202.7930,
-43.2819, -24.3745

■ 44.0250, -21.7043,
-38.6099

■ 226.5700,
-41.6930, -20.6709

■ 30.5240, -15.0483,
-26.7695

■ 238.7320,
-33.8849, -5.0270

■ 18.1970, -8.9711,
-15.9588

■ 248.5020,
-24.8975, 5.6987

■ 0.0000, 0.0000,
0.0000

■ 251.6940,

-12.6671, 2.8994

■ 120.1350,
-41.9716, -24.6744

■ 120.1350,
-41.9716, -24.6744

■ 116.0330,
-47.3443, -28.0929

■ 124.2370,
-36.5988, -21.2558

■ 112.2300,
-52.8644, -30.8967

■ 128.0400,
-31.0787, -18.4521

■ 110.7630,
-54.6062, -32.2412

■ 132.1420,
-25.7060, -15.0335

■ 136.2440,
-20.3333, -11.6150

■ 140.0470,
-14.8132, -8.8112

■ 144.2630, -9.0037,
-5.4927

■ 148.3650, -3.6309,
-2.0741

■ 152.1680, 1.8892,
0.7297

■ 156.2700, 7.2619,
4.1482

Harmonies

Analogous

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



125.5680, -61.9050, 22.3039



120.1350, -41.9716, -24.6744



103.4790, -7.1381, -90.7511

Triad

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



120.1350, -41.9716, -24.6744



116.9430, 59.6811, -102.5590



130.4150, -2.1766, 91.7210

Complementary

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



120.1350, -41.9716, -24.6744



65.8650, 41.9716, 24.6744

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.



136.8520, 21.7650, 65.9048



120.1350, -41.9716, -24.6744



109.1640, 67.9531, -95.7368

Square

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



120.1350, -41.9716, -24.6744



116.8340, 41.4938, -102.4634



139.0160, 42.8831, 12.2640



130.0850, -28.6359, 84.9945

Rectangle

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



120.1350, -41.9716, -24.6744



109.0990, 9.3182, -95.6798



139.0160, 42.8831, 12.2640



131.8580, 5.9860, 86.9475

Sweetspot

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



120.1350, -41.9716, -24.6744



183.9930, -16.2655, -9.6409



103.7300, -33.8839, 41.4558



91.7360, -9.7298, -5.9075



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



120.1350, -41.9716, -24.6744



147.9720, -65.0622, -38.5634



103.0920, -33.5694, -59.7167



74.8920, -2.9048, -1.6593



102.8110, -50.6858, -29.6522



9.4250, -4.6465, -3.0037

Inverse Universe

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



65.8650, 41.9716, 24.6744



64.0280, 65.0622, 38.5634



82.9080, 33.5694, 59.7167



71.1080, 2.9048, 1.6593



37.1890, 50.6858, 29.6522



3.2760, 4.7939, 2.3889

Previews

White Background



This preview shows how the YUV color 120.1350, -41.9716, -24.6744 looks on a white 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

Black Background



This preview shows how the YUV color 120.1350, -41.9716, -24.6744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

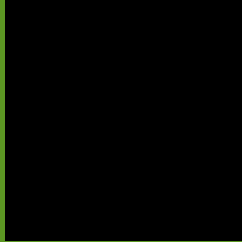
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.1350, -41.9716, -24.6744 Background



This preview shows how black text looks on a background with the YUV color 120.1350, -41.9716, -24.6744.



This preview shows how white text looks on a background with the YUV color 120.1350, -41.9716, -24.6744.

-24.6744.

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

120.1350, -41.9716, -24.6744

Protanopia

128.2270, -47.9329, 20.8489

Deuteranopia

130.7970, -42.2979, 33.5040



Tritanopia

132.3870, 9.6692, -21.3874

Trichromacy



Original Color

120.1350, -41.9716, -24.6744

Protanomaly

125.2850, -45.9895, 4.1351

Deuteranomaly

126.6650, -42.2328, 12.5718

Tritanomaly

128.0390, -9.3862, -22.8362

Monochromacy



Original Color

120.1350, -41.9716, -24.6744

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9330, -15.2500, -8.7112

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1350, -41.9716, -24.6744 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(92, 151, 35)` looks like.

```
.text, #text, p{  
    color:rgb(92, 151, 35)  
}
```

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(92, 151, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 151, 35) }
```

Border

The CSS property to change the border of an element to YUV 120.1350, -41.9716, -24.6744 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(92, 151, 35) }
```


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

```
.border{ border-color:rgb(92, 151, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 151, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 151, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 151, 35);  
box-shadow:4px 4px 4px 4px rgb(92, 151,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 120.1350, -41.9716, -24.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 151, 35) }
```

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

```
.background{ background-color: rgb(92, 151,  
35) }
```

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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