

Converting Colors

YUV(120.7020, -45.2091,
-12.8937)

Have a look what the booklet for
YUV(120.7020, -45.2091, -12.8937)
contains.

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Color

**YUV(120.7020, -45.2091,
-12.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	6A921D
RGB	106, 146, 29
RGB Percent	42%, 57%, 11%
CMY	0.5843, 0.4275, 0.8863
CMYK	0.27, 0.00, 0.80, 0.43
HSL	81°, 67%, 34%
HSV	81°, 80%, 57%
XYZ	16.4445, 23.7106, 4.8723
YIQ	120.7020, 13.7170, -44.8670

Conversions

Conversions Part 2

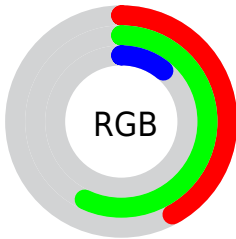
Format	Color
R_{YB}	29, 146, 69
Decimal	6984221
CIE _{Lab}	55.80, -30.86, 52.78
CIE _{LCh}	56, 61.142, 120.312
Yxy	23.7106, 0.3652, 0.5266
Android (android.graphics.Color)	4285174301 (0xFF6A921D)
YUV	120.7020, -45.2091, -12.8937
Hunter-Lab	48.6936, -24.9318, 28.1529

Details

The YUV color **120.7020, -45.2091, -12.8937** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **54.2980, 45.2091, 12.8937**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1150, -44.9197, -12.3789**, and **71.6120, -35.3047, -16.3227** is the 20% darker color. If you saturate the color by 10%, you get **117.4970, -51.0240, -14.4679**, and if you desaturate by 10%, it is **123.9070, -39.3942, -11.3194**.

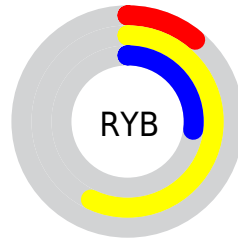
Distribution



Red (42%)

Green (57%)

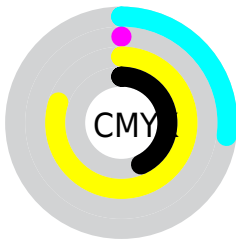
Blue (11%)



Red (11%)

Yellow (57%)

Blue (27%)

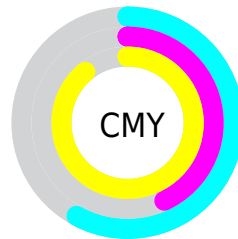


Cyan (27%)

Magenta (0%)

Yellow (80%)

Black (43%)



Cyan (58%)

Magenta (43%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7020, -45.2091, -12.8937 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 120.7020, -45.2091, -12.8937 by changing the saturation by 10% instead.

■ 120.7020,
-45.2091, -12.8937

■ 120.7020,
-45.2091, -12.8937

■ 255.0000, 0.0000,
0.0000

■ 94.0610, -46.3721,
-13.2085

■ 175.1150,
-44.9197, -12.3789

■ 71.6120, -35.3047,
-16.3227

■ 202.8870,
-45.7933, -12.1789

■ 49.4510, -24.3793,
-20.5665

■ 230.4850,
-46.0881, -10.9493

■ 28.1760, -13.8908,
-24.7104

■ 242.3480,
-38.1326, 4.0798

■ 17.0230, -8.3923,
-14.9292

■ 247.9320,
-27.0815, 6.1986

■ 0.0000, 0.0000,
0.0000

■ 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 120.7020,
-45.2091, -12.8937

■ 120.7020,
-45.2091, -12.8937

■ 117.4970,
-51.0240, -14.4679

■ 123.9070,
-39.3942, -11.3194

■ 114.4060,
-56.4022, -16.1421

■ 126.9980,
-34.0160, -9.6452

■ 130.2030,
-28.2011, -8.0710

■ 133.2940,
-22.8229, -6.3968

■ 136.4990,
-17.0080, -4.8226

■ 139.7040,
-11.1931, -3.2484

■ 142.7950, -5.8149,
-1.5742

■ 146.0000, 0.0000,
0.0000

■ 149.0910, 5.3781,
1.6742

Harmonies

Analogous

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



124.4380, -61.3479, 30.3109



120.7020, -45.2091, -12.8937



99.2900, -10.4960, -87.0773

Triad

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



120.7020, -45.2091, -12.8937



114.9880, 54.7289, -100.8445



129.9240, 2.5025, 84.2587

Complementary

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



120.7020, -45.2091, -12.8937



54.2980, 45.2091, 12.8937

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.



136.2850, 25.0025, 54.1241



120.7020, -45.2091, -12.8937



109.5400, 64.3168, -96.0666

Square

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



120.7020, -45.2091, -12.8937



113.9500, 35.5207, -99.9341



135.3840, 44.6737, -2.0908



128.9800, -22.6681, 84.2095

Rectangle

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



120.7020, -45.2091, -12.8937



105.1550, 4.3606, -92.2209



135.3840, 44.6737, -2.0908



131.9430, 10.3811, 77.2260

Sweetspot

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



120.7020, -45.2091, -12.8937



178.9720, -17.7342, -5.2374



86.8760, -28.5329, 51.8517



88.2310, -10.4669, -2.8336



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



120.7020, -45.2091, -12.8937



149.8280, -69.9212, -20.0202



103.3600, -36.6595, -48.5507



72.3050, -2.6154, -1.1445



108.2150, -53.3500, -15.0976



7.9630, -3.9258, -0.8446

Inverse Universe

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



54.2980, 45.2091, 12.8937



46.8730, 70.0686, 19.4054



71.6400, 36.6595, 48.5507



68.3960, 2.7628, 0.5297



29.7850, 53.3500, 15.0976



2.0370, 3.9258, 0.8446

Previews

White Background



This preview shows how the YUV color 120.7020, -45.2091, -12.8937 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 120.7020, -45.2091, -12.8937 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 120.7020, -45.2091, -12.8937 Background



This preview shows how black text looks on a background with the YUV color 120.7020, -45.2091, -12.8937.



This preview shows how white text looks on a background with the YUV color 120.7020, -45.2091, -12.8937.

-12.8937.

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

120.7020, -45.2091, -12.8937

Protanopia

126.4720, -49.5327, 20.6341

Deuteranopia

128.9280, -44.3345, 33.3891



Tritanopia

132.1710, 7.3107, -11.5510

Trichromacy



Original Color

120.7020, -45.2091, -12.8937

Protanomaly

124.1500, -47.8950, 8.6384

Deuteranomaly

126.0030, -44.8645, 16.6604

Tritanomaly

128.1220, -11.8921, -12.3850

Monochromacy



Original Color

120.7020, -45.2091, -12.8937

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0260, -16.2818, -4.4078

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7020, -45.2091, -12.8937 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(106, 146, 29)` looks like.

```
.text, #text, p{  
    color:rgb(106, 146, 29)  
}
```

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(106, 146, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 146, 29) }
```

Border

The CSS property to change the border of an element to YUV 120.7020, -45.2091, -12.8937 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(106, 146, 29) }
```


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

```
.border{ border-color:rgb(106, 146, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 146, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 146, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 146, 29);  
box-shadow:4px 4px 4px 4px rgb(106, 146,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 120.7020, -45.2091, -12.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 146, 29) }
```

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

```
.background{ background-color: rgb(106,  
146, 29) }
```

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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