

Converting Colors

YUV(112.6320, 45.0444,
-27.7413)

Have a look what the booklet for
YUV(112.6320, 45.0444, -27.7413)
contains.

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Color

**YUV(112.6320, 45.0444,
-27.7413)**

Conversions

Conversions Part 1

Format	Color
Hex	516FCC
RGB	81, 111, 204
RGB Percent	32%, 44%, 80%
CMY	0.6824, 0.5647, 0.2000
CMYK	0.60, 0.46, 0.00, 0.20
HSL	225°, 55%, 56%
HSV	225°, 60%, 80%
XYZ	19.9769, 17.4778, 59.4474
YIQ	112.6320, -47.7330, 22.5630

Conversions

Conversions Part 2

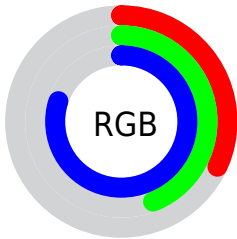
Format	Color
R _Y B	81, 105, 204
Decimal	5337036
CIE Lab	48.86, 17.73, -51.64
CIE LCh	49, 54.600, 288.945
Yxy	17.4778, 0.2062, 0.1804
Android (android.graphics.Color)	4283527116 (0xFF516FCC)
YUV	112.6320, 45.0444, -27.7413
Hunter-Lab	41.8065, 12.1332, -55.0438

Details

The YUV color **112.6320, 45.0444, -27.7413** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **172.3680, -45.0444, 27.7413**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0240, 43.8652, -22.8230**, and **54.5540, 46.5619, -47.8439** is the 20% darker color. If you saturate the color by 10%, you get **97.8470, 52.3334, -32.3148**, and if you desaturate by 10%, it is **127.4170, 37.7554, -23.1677**.

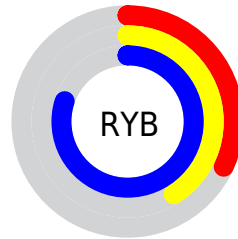
Distribution



Red (32%)

Green (44%)

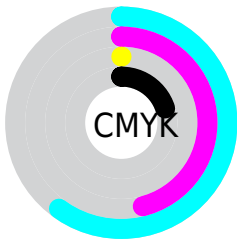
Blue (80%)



Red (32%)

Yellow (41%)

Blue (80%)

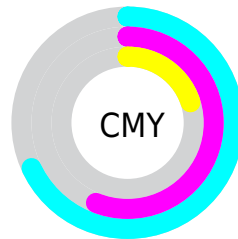


Cyan (60%)

Magenta (46%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6320, 45.0444, -27.7413 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 112.6320, 45.0444, -27.7413 by changing the saturation by 10% instead.

■ 112.6320, 45.0444,
-27.7413

■ 112.6320, 45.0444,
-27.7413

255.0000, 0.0000,
0.0000

■ 85.4850, 44.6239,
-32.8743

■ 166.0240, 43.8652,
-22.8230

■ 54.5540, 46.5619,
-47.8439

■ 190.5440, 31.7768,
-18.8941

■ 39.2630, 41.2823,
-34.4337

■ 215.6510, 19.3991,
-15.4799

■ 25.1460, 35.4240,
-22.0530

■ 241.0570, 6.8739,
-11.4510

■ 8.3220, 31.8863,
-7.2984

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 112.6320, 45.0444,
-27.7413

■ 112.6320, 45.0444,
-27.7413

■ 97.8470, 52.3334,
-32.3148

■ 127.4170, 37.7554,
-23.1677

■ 82.1760, 60.0592,
-36.9884

■ 143.0880, 30.0296,
-18.4942

■ 67.3910, 67.3482,
-41.5619

■ 157.8730, 22.7406,
-13.9206

■ 52.6060, 74.6372,
-46.1355

■ 173.5440, 15.0148,
-9.2471

■ 188.3290, 7.7258,
-4.6735

■ 203.7010, 0.1474,
-0.6148

■ 218.7850, -7.2890,
4.5736

■ 233.5700,
-14.5780, 9.1471

■ 246.2510,
-20.8297, 7.6729

Harmonies

Analogous

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



97.5600, 53.9539, -85.5601



112.6320, 45.0444, -27.7413



119.3530, 28.4200, 31.2624

Triad

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



112.6320, 45.0444, -27.7413



112.0300, -32.0598, 63.1177



91.4770, 2.7228, -80.2253

Complementary

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



112.6320, 45.0444, -27.7413



172.3680, -45.0444, 27.7413

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.



99.1450, -23.7355, -40.4692



112.6320, 45.0444, -27.7413



110.2830, -49.4395, 37.4628

Square

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



112.6320, 45.0444, -27.7413



111.9110, -11.2951, 76.3771



106.6440, -47.1525, 3.8202



97.5360, 23.3998, -85.5391

Rectangle

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



112.6320, 45.0444, -27.7413



116.7170, 16.4085, 57.2532



106.6440, -47.1525, 3.8202



89.0660, -3.9765, -78.1109

Sweetspot

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



112.6320, 45.0444, -27.7413



220.7010, 16.9094, -10.2618



163.6890, 4.5903, -72.5183



106.4150, 10.6414, -6.5030



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.



112.6320, 45.0444, -27.7413



118.3910, 67.3482, -41.5619



104.2910, 49.1565, 6.7608



94.3140, 3.7892, -2.0294



42.4040, 60.9328, -37.1883



9.6150, 13.9938, -8.4324

Inverse Universe

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



121.1970, -5.0271, 72.6182



131.1460, -7.4670, 108.6200



180.7090, -49.1565, -6.7608



95.2180, -0.6005, 5.9478



54.1940, -6.9976, 98.0539



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 112.6320, 45.0444, -27.7413 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



This preview shows how the YUV color 112.6320, 45.0444, -27.7413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

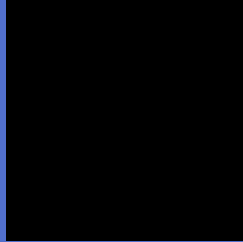
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.6320, 45.0444, -27.7413

Background



This preview shows how black text looks on a background with the YUV color 112.6320, 45.0444, -27.7413.



This preview shows how white text looks on a background with the YUV color 112.6320, 45.0444, -27.7413.

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

112.6320, 45.0444, -27.7413

Protanopia

111.2290, 46.2291, -34.4038

Deuteranopia

104.3790, 48.6202, -54.7064



Tritanopia

104.5300, 16.0077, -47.8228

Trichromacy



Original Color

112.6320, 45.0444, -27.7413

Protanomaly

111.5390, 46.0763, -32.0447

Deuteranomaly

107.3910, 47.1352, -45.0699

Tritanomaly

107.6200, 26.3163, -40.8857

Monochromacy



Original Color

112.6320, 45.0444, -27.7413

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.5870, 16.4726, -10.1618

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6320, 45.0444, -27.7413 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(81, 111, 204)` looks like.

```
.text, #text, p{  
    color:rgb(81, 111, 204)  
}
```

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(81, 111, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 111, 204) }
```

Border

The CSS property to change the border of an element to YUV 112.6320, 45.0444, -27.7413 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(81, 111, 204) }
```


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

```
.border{ border-color:rgb(81, 111, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 111, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 111, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 111, 204);  
box-shadow:4px 4px 4px 4px rgb(81, 111,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 112.6320, 45.0444, -27.7413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 111, 204) }
```

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

```
.background{ background-color: rgb(81, 111,  
204) }
```

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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