

Converting Colors

YUV(110.6030, 32.2407,
-27.7158)

Have a look what the booklet for
YUV(110.6030, 32.2407, -27.7158)
contains.

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Color

**YUV(110.6030, 32.2407,
-27.7158)**

Conversions

Conversions Part 1

Format	Color
Hex	4F72B0
RGB	79, 114, 176
RGB Percent	31%, 45%, 69%
CMY	0.6902, 0.5529, 0.3098
CMYK	0.55, 0.35, 0.00, 0.31
HSL	218°, 38%, 50%
HSV	218°, 55%, 69%
XYZ	17.0782, 16.8315, 43.4230
YIQ	110.6030, -40.7620, 11.8620

Conversions

Conversions Part 2

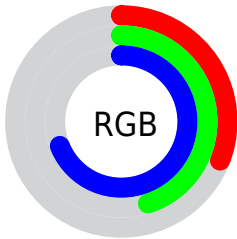
Format	Color
R_{YB}	79, 105, 176
Decimal	5206704
CIE _{Lab}	48.05, 6.08, -36.79
CIE _{LCh}	48, 37.287, 279.384
Yxy	16.8315, 0.2208, 0.2177
Android (android.graphics.Color)	4283396784 (0xFF4F72B0)
YUV	110.6030, 32.2407, -27.7158
Hunter-Lab	41.0262, 2.5095, -34.0354

Details

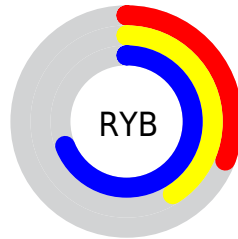
The YUV color **110.6030, 32.2407, -27.7158** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **144.3970, -32.2407, 27.7158**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9560, 33.5457, -26.2714**, and **57.2380, 32.4207, -38.7967** is the 20% darker color. If you saturate the color by 10%, you get **98.7640, 38.0773, -33.1190**, and if you desaturate by 10%, it is **122.4420, 26.4041, -22.3126**.

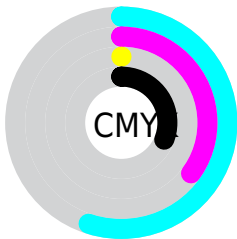
Distribution



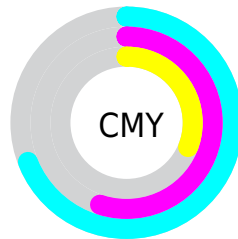
- Red (31%)
- Green (45%)
- Blue (69%)



- Red (31%)
- Yellow (41%)
- Blue (69%)



- Cyan (55%)
- Magenta (35%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.6030, 32.2407, -27.7158 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 110.6030, 32.2407, -27.7158 by changing the saturation by 10% instead.

■ 110.6030, 32.2407,
-27.7158

■ 110.6030, 32.2407,
-27.7158

■ 255.0000, 0.0000,
0.0000

■ 84.7660, 31.6674,
-30.4898

■ 163.9560, 33.5457,
-26.2714

■ 57.2380, 32.4207,
-38.7967

■ 190.7990, 31.6511,
-25.2567

■ 37.5870, 29.7836,
-32.9638

■ 215.3190, 19.5627,
-21.3278

■ 23.1110, 25.0883,
-20.2683

■ 241.0130, 6.8956,
-18.4284

■ 8.1620, 21.1191,
-7.1581

■ 253.2060, 0.8844,
-3.6887

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 110.6030, 32.2407,
-27.7158

■ 110.6030, 32.2407,
-27.7158

■ 98.7640, 38.0773,
-33.1190

■ 122.4420, 26.4041,
-22.3126

■ 87.2240, 43.7666,
-37.9074

■ 133.9820, 20.7149,
-17.5242

■ 74.7980, 49.8926,
-42.7958

■ 146.4080, 14.5889,
-12.6358

■ 63.2580, 55.5818,
-47.5843

■ 157.9480, 8.8996,
-7.8474

■ 57.6320, 58.3554,
-50.5433

■ 169.7870, 3.0630,
-2.4442

■ 181.6260, -2.7736,
2.9590

■ 193.7530, -8.7522,
7.2326

■ 205.5920,
-14.5889, 12.6358

■ 217.1320,
-20.2781, 17.4242

Harmonies

Analogous

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



91.8090, 39.5342, -80.5165



110.6030, 32.2407, -27.7158



117.3260, 22.5173, 11.1151

Triad

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



110.6030, 32.2407, -27.7158



113.7860, -18.6285, 48.4227



98.3670, -3.6319, -48.5569

Complementary

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



110.6030, 32.2407, -27.7158



144.3970, -32.2407, 27.7158

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.



106.6950, -21.0486, -15.5185



110.6030, 32.2407, -27.7158



113.0540, -28.6206, 33.2786

Square

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



110.6030, 32.2407, -27.7158



115.3530, -5.1040, 50.5564



109.9820, -29.5711, 11.4168



90.3320, 16.1053, -79.2212

Rectangle

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



110.6030, 32.2407, -27.7158



117.3840, 14.6007, 30.3582



109.9820, -29.5711, 11.4168



102.0220, -10.3638, -35.9763

Sweetspot

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



110.6030, 32.2407, -27.7158



203.3650, 13.1311, -11.7211



142.8930, -1.4262, -56.0342



99.3180, 7.7312, -6.4179



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



110.6030, 32.2407, -27.7158



127.6130, 50.4768, -43.5106



93.9450, 40.4531, -1.7058



83.3740, 2.7736, -2.9590



49.7270, 50.9136, -43.6106



8.2470, 8.7522, -7.2326

Inverse Universe

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



111.9930, 0.9895, 56.1341



129.7180, 1.6180, 87.9473



161.0550, -40.4531, 1.7058



83.1470, 0.4205, 5.1331



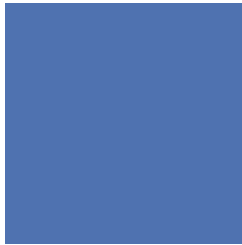
52.0170, 1.4706, 88.5621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 110.6030, 32.2407, -27.7158 looks on a white background.

Color Contrast Check

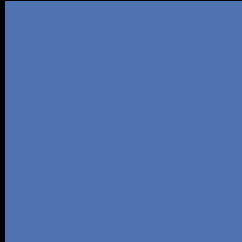
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.6030, 32.2407, -27.7158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

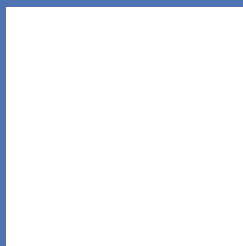
Any Text WCAG AAA × Fail

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

YUV 110.6030, 32.2407, -27.7158 Background



This preview shows how black text looks on a background with the YUV color 110.6030, 32.2407, -27.7158.

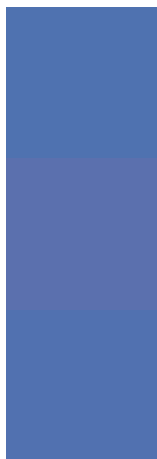


This preview shows how white text looks on a background with the YUV color 110.6030, 32.2407, -27.7158.

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

110.6030, 32.2407, -27.7158

Protanopia

112.7890, 30.1770, -19.1090

Deuteranopia

110.6140, 32.2353, -25.9715



Tritanopia

106.2000, 13.2124, -37.8864

Trichromacy



Original Color

110.6030, 32.2407, -27.7158

Protanomaly

112.2940, 30.9141, -22.1828

Deuteranomaly

110.3150, 32.3827, -26.5863

Tritanomaly

108.0570, 20.1849, -34.2530

Monochromacy



Original Color

110.6030, 32.2407, -27.7158

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.7350, 11.9626, -10.2916

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.6030, 32.2407, -27.7158 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(79, 114, 176)` looks like.

```
.text, #text, p{  
    color:rgb(79, 114, 176)  
}
```

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(79, 114, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 114, 176) }
```

Border

The CSS property to change the border of an element to YUV 110.6030, 32.2407, -27.7158 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(79, 114, 176) }
```


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

```
.border{ border-color:rgb(79, 114, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 114, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 114, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 114, 176);  
box-shadow:4px 4px 4px 4px rgb(79, 114,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 110.6030, 32.2407, -27.7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 114, 176) }
```

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

```
.background{ background-color: rgb(79, 114,  
176) }
```

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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