

Converting Colors

YUV(110.0330, 60.1297,
-59.6649)

Have a look what the booklet for
YUV(110.0330, 60.1297, -59.6649)
contains.

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Color

**YUV(110.0330, 60.1297,
-59.6649)**

Conversions

Conversions Part 1

Format	Color
Hex	2A79E8
RGB	42, 121, 232
RGB Percent	16%, 47%, 91%
CMY	0.8353, 0.5255, 0.0902
CMYK	0.82, 0.48, 0.00, 0.09
HSL	215°, 81%, 54%
HSV	215°, 82%, 91%
XYZ	22.3577, 19.9932, 79.0246
YIQ	110.0330, -82.7150, 17.7730

Conversions

Conversions Part 2

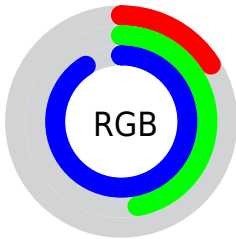
Format	Color
R _Y B	42, 98, 232
Decimal	2783720
CIE Lab	51.83, 16.28, -62.79
CIE LCh	52, 64.863, 284.537
Yxy	19.9932, 0.1842, 0.1647
Android (android.graphics.Color)	4280973800 (0xFF2A79E8)
YUV	110.0330, 60.1297, -59.6649
Hunter-Lab	44.7137, 11.0043, -73.4863

Details

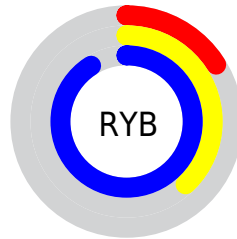
The YUV color **110.0330, 60.1297, -59.6649** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **163.9670, -60.1297, 59.6649**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9030, 43.9248, -42.0109**, and **63.3880, 55.0247, -55.5913** is the 20% darker color. If you saturate the color by 10%, you get **94.9380, 67.5716, -66.5976**, and if you desaturate by 10%, it is **125.1280, 52.6879, -52.7323**.

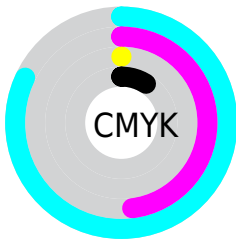
Distribution



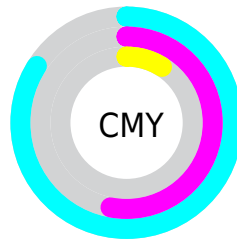
- Red (16%)
- Green (47%)
- Blue (91%)



- Red (16%)
- Yellow (38%)
- Blue (91%)



- Cyan (82%)
- Magenta (48%)
- Yellow (0%)
- Black (9%)



- Cyan (84%)
- Magenta (53%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.0330, 60.1297, -59.6649 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 110.0330, 60.1297, -59.6649 by changing the saturation by 10% instead.

■ 110.0330, 60.1297,
-59.6649

■ 110.0330, 60.1297,
-59.6649

255.0000, 0.0000,
0.0000

■ 80.0810, 60.5991,
-70.2310

■ 165.9030, 43.9248,
-42.0109

■ 63.3880, 55.0247,
-55.5913

■ 191.3200, 31.3942,
-36.2376

■ 47.3960, 49.5978,
-41.5663

■ 217.0250, 18.7217,
-31.5939

■ 33.2790, 43.7395,
-29.1857

■ 242.1430, 6.3385,
-26.4354

■ 16.2270, 39.3281,
-14.2311

■ 251.4120, 1.7689,
-7.3773

■ 12.7900, 28.6975,
-11.2168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 110.0330, 60.1297,
-59.6649

■ 110.0330, 60.1297,
-59.6649

■ 94.9380, 67.5716,
-66.5976

■ 125.1280, 52.6879,
-52.7323

■ 82.8000, 73.5556,
-72.6156

■ 139.6360, 45.5355,
-45.2848

■ 155.0300, 37.9462,
-37.7373

■ 169.5380, 30.7938,
-30.2898

■ 184.6330, 23.3519,
-23.3571

■ 199.1410, 16.1995,
-15.9097

■ 214.2360, 8.7577,
-8.9770

■ 229.0430, 1.4578,
-0.9147

■ 244.1380, -5.9840,
6.0180

Harmonies

Analogous

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



107.3400, 60.9644, -94.1372



110.0330, 60.1297, -59.6649



126.5620, 38.1769, 28.4481

Triad

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



110.0330, 60.1297, -59.6649



117.1460, -34.5820, 78.8020



96.7770, -2.3551, -84.8734

Complementary

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



110.0330, 60.1297, -59.6649



163.9670, -60.1297, 59.6649

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.



103.5010, -33.7710, -41.6584



110.0330, 60.1297, -59.6649



115.9980, -57.1870, 49.1138

Square

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



110.0330, 60.1297, -59.6649



115.2320, -8.0024, 93.6355



112.7990, -55.6099, 9.8233



104.5630, 22.4004, -91.7018

Rectangle

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



110.0330, 60.1297, -59.6649



123.4110, 23.9544, 63.6606



112.7990, -55.6099, 9.8233



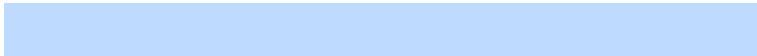
93.4370, -10.0754, -81.9442

Sweetspot

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



110.0330, 60.1297, -59.6649



214.1450, 20.1415, -20.2982



166.1840, -6.4997, -108.9094



102.8380, 12.4049, -12.1359



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.



110.0330, 60.1297, -59.6649



94.5480, 79.1028, -78.5336



68.4440, 80.6331, -9.1594



107.3030, 3.7946, -3.7737



63.8440, 56.7719, -55.9912



18.1410, 16.1995, -15.9097

Inverse Universe

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



107.8160, 6.4997, 108.9094



91.6060, 8.5752, 143.2965



205.5560, -80.6331, 9.1594



107.1580, 0.4151, 6.8774



61.9570, 5.9372, 102.6467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 110.0330, 60.1297, -59.6649 looks on a white background.

Color Contrast Check

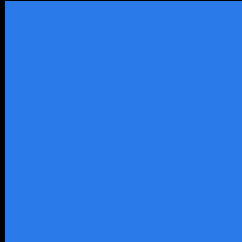
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.0330, 60.1297, -59.6649 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

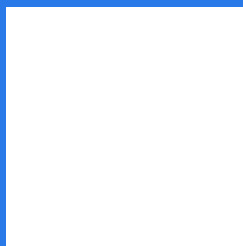
Any Text WCAG AAA × Fail

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

YUV 110.0330, 60.1297, -59.6649 Background



This preview shows how black text looks on a background with the YUV color 110.0330, 60.1297, -59.6649.



This preview shows how white text looks on a background with the YUV color 110.0330, 60.1297, -59.6649.

-59.6649.

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

110.0330, 60.1297, -59.6649

Protanopia

114.9100, 56.7394, -45.5251

Deuteranopia

98.4550, 59.9217, -86.3450



Tritanopia

96.4760, 24.4153, -84.6095

Trichromacy



Original Color

110.0330, 60.1297, -59.6649

Protanomaly

113.2190, 58.0660, -51.0581

Deuteranomaly

102.8090, 59.7472, -77.0085

Tritanomaly

101.5600, 37.1919, -75.9131

Monochromacy



Original Color

110.0330, 60.1297, -59.6649

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8890, 21.7467, -21.8277

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.0330, 60.1297, -59.6649 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(42, 121, 232)` looks like.

```
.text, #text, p{  
    color:rgb(42, 121, 232)  
}
```

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(42, 121, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 121, 232) }
```

Border

The CSS property to change the border of an element to YUV 110.0330, 60.1297, -59.6649 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(42, 121, 232) }
```


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

```
.border{ border-color:rgb(42, 121, 232) }
```

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

Here you see how a box with a 4 pixel rgb(42, 121, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 121, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 121, 232);  
box-shadow:4px 4px 4px 4px rgb(42, 121,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 110.0330, 60.1297, -59.6649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 121, 232) }
```

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

```
.background{ background-color: rgb(42, 121,  
232) }
```

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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