

Converting Colors

YUV(154.5360, 20.4418,
-23.2721)

Have a look what the booklet for
YUV(154.5360, 20.4418, -23.2721)
contains.

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Color

**YUV(154.5360, 20.4418,
-23.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	80A0C4
RGB	128, 160, 196
RGB Percent	50%, 63%, 77%
CMY	0.4980, 0.3725, 0.2314
CMYK	0.35, 0.18, 0.00, 0.23
HSL	212°, 37%, 64%
HSV	212°, 35%, 77%
XYZ	31.4367, 33.7163, 57.0756
YIQ	154.5360, -30.6280, 4.4120

Conversions

Conversions Part 2

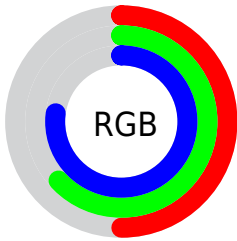
Format	Color
R _Y B	128, 150, 196
Decimal	8429764
CIE Lab	64.74, -2.22, -22.06
CIE LCh	65, 22.170, 264.251
Yxy	33.7163, 0.2572, 0.2758
Android (android.graphics.Color)	4286619844 (0xFF80A0C4)
YUV	154.5360, 20.4418, -23.2721
Hunter-Lab	58.0658, -4.9755, -17.6329

Details

The YUV color $154.5360, 20.4418, -23.2721$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $169.4640, -20.4418, 23.2721$, and the grayscale version is $154.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.7640, 21.3153, -23.4720$, and $102.8950, 19.2788, -23.5869$ is the 20% darker color. If you saturate the color by 10%, you get $142.6860, 26.2838, -30.4196$, and if you desaturate by 10%, it is $166.3860, 14.5997, -16.1245$.

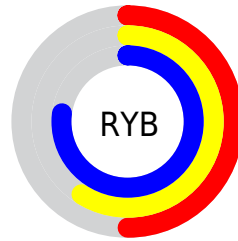
Distribution



Red (50%)

Green (63%)

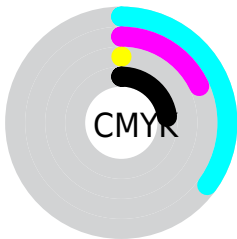
Blue (77%)



Red (50%)

Yellow (59%)

Blue (77%)

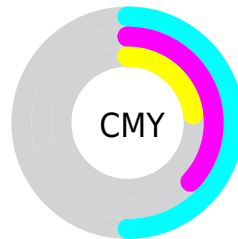


Cyan (35%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (50%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5360, 20.4418, -23.2721 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 154.5360, 20.4418, -23.2721 by changing the saturation by 10% instead.

■ 154.5360, 20.4418,
-23.2721

■ 154.5360, 20.4418,
-23.2721

255.0000, 0.0000,
0.0000

■ 128.4220, 20.0050,
-23.1721

■ 209.7640, 21.3153,
-23.4720

■ 102.8950, 19.2788,
-23.5869

■ 234.8000, 9.9586,
-20.8726

■ 77.5960, 19.4262,
-24.2017

■ 250.5150, 2.2111,
-9.2217

■ 53.1720, 19.1422,
-26.4608

■ 31.2320, 18.1266,
-27.3905

■ 16.3970, 14.5943,
-14.3802

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 154.5360, 20.4418,
-23.2721

■ 154.5360, 20.4418,
-23.2721

■ 142.6860, 26.2838,
-30.4196

■ 166.3860, 14.5997,
-16.1245

■ 130.5480, 32.2678,
-36.4376

■ 178.5240, 8.6157,
-10.1065

■ 118.6980, 38.1099,
-43.5851

■ 190.3740, 2.7736,
-2.9590

■ 106.5600, 44.0939,
-49.6031

■ 202.5120, -3.2104,
3.0590

■ 94.7100, 49.9360,
-56.7507

■ 214.3620, -9.0525,
10.2065

■ 82.8600, 55.7780,
-63.8982

■ 226.2120,
-14.8945, 17.3541

■ 76.3480, 58.9884,
-66.9572

■ 235.3600,
-19.4045, 17.2243

■ 241.2300,
-22.2984, 12.0763

■ 247.1000,
-25.1923, 6.9283

Harmonies

Analogous

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



150.0950, 19.1802, -38.6713



154.5360, 20.4418, -23.2721



158.1580, 17.1771, -2.7696

Triad

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



154.5360, 20.4418, -23.2721



159.9180, -8.8336, 33.3979



152.0720, -9.4025, -17.6031

Complementary

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



154.5360, 20.4418, -23.2721



169.4640, -20.4418, 23.2721

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.



154.6460, -16.5875, 0.3105



154.5360, 20.4418, -23.2721



158.3490, -15.9481, 28.6349

Square

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



154.5360, 20.4418, -23.2721



160.4150, 0.7814, 29.4540



156.1750, -18.8203, 16.5095



149.4320, 1.2660, -32.8279

Rectangle

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



154.5360, 20.4418, -23.2721



160.0950, 12.7712, 10.4407



156.1750, -18.8203, 16.5095



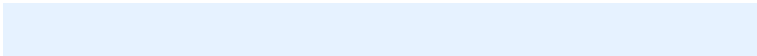
152.7200, -12.1870, -11.1554

Sweetspot

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



154.5360, 20.4418, -23.2721



239.8940, 7.4473, -8.6770



171.9060, -4.3907, -38.5056



117.9330, 4.9630, -5.2032



0.0000, 0.0000, 0.0000



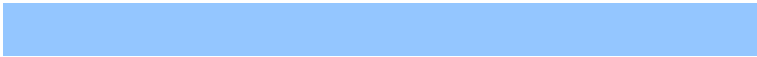
128.0000, 0.0000, 0.0000

Same Dimension

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



154.5360, 20.4418, -23.2721



189.5480, 32.2678, -36.4376



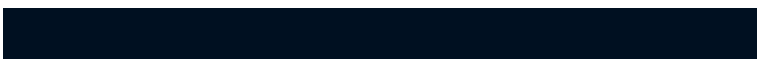
136.0510, 29.5549, -6.1837



91.0750, 2.9210, -3.5738



62.9660, 48.3308, -55.2212



13.1540, 9.7841, -11.5361

Inverse Universe

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



151.9800, 3.9539, 38.6055



185.6930, 6.0674, 60.7822



187.9490, -29.5549, 6.1837



90.5600, 0.7099, 5.6479



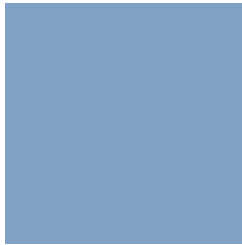
56.8030, 9.4641, 91.3808



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 154.5360, 20.4418, -23.2721 looks on a white background.

Color Contrast Check

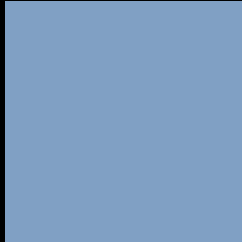
Large Text (above 18pt) WCAG AA × Fail

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 154.5360, 20.4418, -23.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

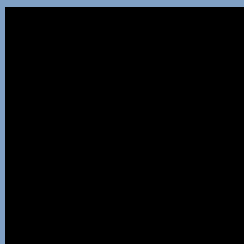
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

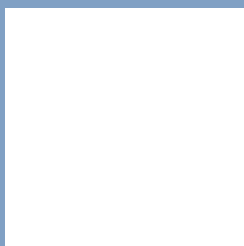
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.5360, 20.4418, -23.2721

Background



This preview shows how black text looks on a background with the YUV color 154.5360, 20.4418, -23.2721.



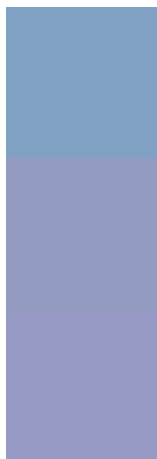
This preview shows how white text looks on a background with the YUV color 154.5360, 20.4418, -23.2721.

-23.2721.

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

154.5360, 20.4418, -23.2721

Protanopia

157.2390, 17.6302, -8.1026

Deuteranopia

158.0050, 19.2245, -6.1434



Tritanopia

152.6360, 12.0115, -25.9908

Trichromacy



Original Color

154.5360, 20.4418, -23.2721

Protanomaly

156.4340, 18.5200, -13.5356

Deuteranomaly

156.7870, 19.8250, -12.0912

Tritanomaly

153.4450, 15.0636, -24.9463

Monochromacy



Original Color

154.5360, 20.4418, -23.2721

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8940, 7.4473, -8.6770

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5360, 20.4418, -23.2721 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(128, 160, 196)` looks like.

```
.text, #text, p{  
    color:rgb(128, 160, 196)  
}
```

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(128, 160, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 160, 196) }
```

Border

The CSS property to change the border of an element to YUV 154.5360, 20.4418, -23.2721 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(128, 160, 196) }
```


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

```
.border{ border-color:rgb(128, 160, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 160, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 160, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 160, 196);  
box-shadow:4px 4px 4px 4px rgb(128, 160,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 154.5360, 20.4418, -23.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 160, 196) }
```

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

```
.background{ background-color: rgb(128,  
160, 196) }
```

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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