

Converting Colors

YUV(135.5020, 18.4865,
-49.5523)

Have a look what the booklet for
YUV(135.5020, 18.4865, -49.5523)
contains.

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Color

**YUV(135.5020, 18.4865,
-49.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9DAD
RGB	79, 157, 173
RGB Percent	31%, 62%, 68%
CMY	0.6902, 0.3843, 0.3216
CMYK	0.54, 0.09, 0.00, 0.32
HSL	190°, 37%, 49%
HSV	190°, 54%, 68%
XYZ	22.8242, 28.7933, 43.8899
YIQ	135.5020, -51.6240, -11.5600

Conversions

Conversions Part 2

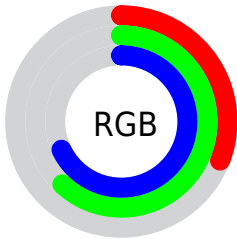
Format	Color
R_{YB}	79, 122, 173
Decimal	5217709
CIE _{Lab}	60.60, -19.39, -15.67
CIE _{LCh}	61, 24.928, 218.956
Yxy	28.7933, 0.2390, 0.3015
Android (android.graphics.Color)	4283407789 (0xFF4F9DAD)
YUV	135.5020, 18.4865, -49.5523
Hunter-Lab	53.6594, -17.9783, -10.9337

Details

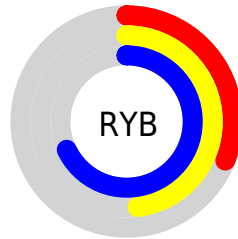
The YUV color **135.5020, 18.4865, -49.5523** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **116.4980, -18.4865, 49.5523**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8010, 18.3391, -48.9375**, and **77.2230, 21.5821, -62.4626** is the 20% darker color. If you saturate the color by 10%, you get **128.6580, 21.8606, -58.4591**, and if you desaturate by 10%, it is **142.3460, 15.1124, -40.6454**.

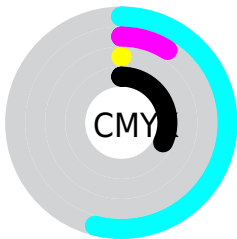
Distribution



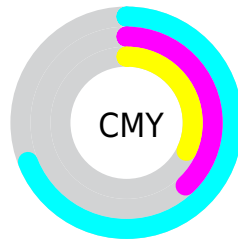
- Red (31%)
- Green (62%)
- Blue (68%)



- Red (31%)
- Yellow (48%)
- Blue (68%)



- Cyan (54%)
- Magenta (9%)
- Yellow (0%)
- Black (32%)



- Cyan (69%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.5020, 18.4865, -49.5523 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 135.5020, 18.4865, -49.5523 by changing the saturation by 10% instead.

■ 135.5020, 18.4865,
-49.5523

■ 135.5020, 18.4865,
-49.5523

■ 255.0000, 0.0000,
0.0000

■ 108.1920, 18.6393,
-51.9114

■ 190.8010, 18.3391,
-48.9375

■ 77.2230, 21.5821,
-62.4626

■ 218.9860, 17.7549,
-48.2227

■ 58.4910, 18.4919,
-51.2966

■ 236.1630, 9.2866,
-38.7310

■ 42.2540, 14.6648,
-37.0568

■ 244.8340, 5.0118,
-20.9024

■ 26.8320, 11.4218,
-23.5317

■ 253.8040, 0.5896,
-2.4591

■ 6.8280, 10.9308,
-5.9882

■ 0.0000, 0.0000,

0.0000

■ 135.5020, 18.4865,
-49.5523

■ 135.5020, 18.4865,
-49.5523

■ 128.6580, 21.8606,
-58.4591

■ 142.3460, 15.1124,
-40.6454

■ 121.5150, 25.3821,
-67.9807

■ 149.4890, 11.5909,
-31.1239

■ 114.6710, 28.7562,
-76.8875

■ 156.3330, 8.2168,
-22.2170

■ 107.8270, 32.1303,
-85.7943

■ 163.1770, 4.8427,
-13.3102

■ 104.2500, 33.8937,
-91.4273

■ 170.3200, 1.3212,
-3.7886

■ 177.1640, -2.0529,
5.1182

■ 184.0080, -5.4269,
14.0250

■ 190.8520, -8.8010,
22.9318

■ 197.9950,
-12.3225, 32.4534

Harmonies

Analogous

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



135.4890, 8.1399, -44.2789



135.5020, 18.4865, -49.5523



140.1320, 23.1059, -37.8268

Triad

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



135.5020, 18.4865, -49.5523



149.7720, 6.0284, 26.5100



144.3760, -20.3984, 9.3172

Complementary

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



135.5020, 18.4865, -49.5523



116.4980, -18.4865, 49.5523

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.



146.0020, -19.7210, 25.4312



135.5020, 18.4865, -49.5523



149.0800, -4.4764, 35.8868

Square

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



135.5020, 18.4865, -49.5523



148.7680, 15.3974, 8.0965



147.9630, -13.7858, 35.1124



141.6340, -15.1026, -9.3260

Rectangle

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



135.5020, 18.4865, -49.5523



143.5190, 22.9151, -23.2572



147.9630, -13.7858, 35.1124



144.8930, -21.1462, 15.8798

Sweetspot

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



135.5020, 18.4865, -49.5523



209.7140, 7.0430, -19.0432



136.0020, -20.2140, -49.9908



103.9600, 3.9637, -11.3659



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



135.5020, 18.4865, -49.5523



166.5570, 28.3194, -76.7875



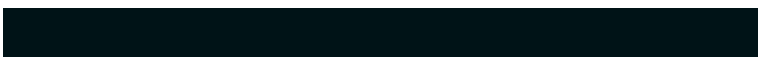
107.9130, 32.0879, -25.3567



83.1350, 1.9054, -4.5034



90.4750, 29.3458, -79.3466



13.7750, 4.5479, -12.0807

Inverse Universe

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



115.9980, 20.2140, 49.9908



136.1490, 31.4785, 77.0453



144.0870, -32.0879, 25.3567



81.4890, 1.7309, 4.8331



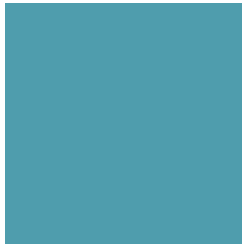
59.1000, 32.4887, 79.7193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 135.5020, 18.4865, -49.5523 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 135.5020, 18.4865, -49.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

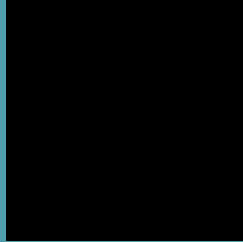
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.5020, 18.4865, -49.5523

Background



This preview shows how black text looks on a background with the YUV color 135.5020, 18.4865, -49.5523.



This preview shows how white text looks on a background with the YUV color 135.5020, 18.4865, -49.5523.

-49.5523.

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

135.5020, 18.4865, -49.5523

Protanopia

145.7960, 9.4676, -3.3291

Deuteranopia

146.4740, 14.5563, -2.1697



Tritanopia

134.8610, 17.3235, -49.8671

Trichromacy



Original Color

135.5020, 18.4865, -49.5523

Protanomaly

142.1960, 12.7214, -20.3429

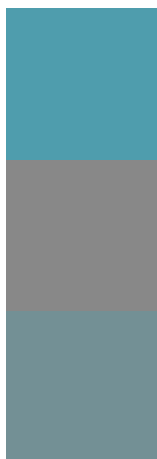
Deuteranomaly

142.1190, 16.2103, -19.3984

Tritanomaly

134.9750, 17.7603, -49.9671

Monochromacy



Original Color

135.5020, 18.4865, -49.5523

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8990, 6.4588, -18.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.5020, 18.4865, -49.5523 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, 157, 173)` looks like.

```
.text, #text, p{  
    color:rgb(79, 157, 173)  
}
```

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, 157, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 157, 173) }
```

Border

The CSS property to change the border of an element to YUV 135.5020, 18.4865, -49.5523 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, 157, 173) }
```


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

```
.border{ border-color:rgb(79, 157, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 157, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 157, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 157, 173);  
box-shadow:4px 4px 4px 4px rgb(79, 157,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 135.5020, 18.4865, -49.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 157, 173) }
```

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

```
.background{ background-color: rgb(79, 157,  
173) }
```

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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