

Converting Colors

YUV(113.9550, 18.2632,
-24.5165)

Have a look what the booklet for
YUV(113.9550, 18.2632, -24.5165)
contains.

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Color

**YUV(113.9550, 18.2632,
-24.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	567997
RGB	86, 121, 151
RGB Percent	34%, 47%, 59%
CMY	0.6627, 0.5255, 0.4078
CMYK	0.43, 0.20, 0.00, 0.41
HSL	208°, 27%, 46%
HSV	208°, 43%, 59%
XYZ	16.2610, 17.8875, 31.8737
YIQ	113.9550, -30.4900, 1.9100

Conversions

Conversions Part 2

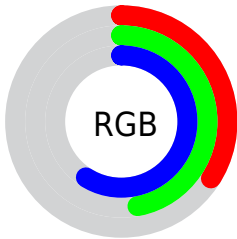
Format	Color
R_{YB}	86, 109, 151
Decimal	5667223
CIE _{Lab}	49.36, -4.15, -20.11
CIE _{LCh}	49, 20.532, 258.336
Yxy	17.8875, 0.2463, 0.2709
Android (android.graphics.Color)	4283857303 (0xFF567997)
YUV	113.9550, 18.2632, -24.5165
Hunter-Lab	42.2937, -5.3844, -15.0771

Details

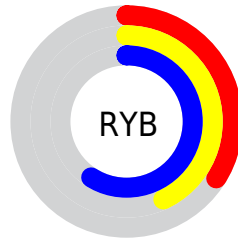
The YUV color **113.9550, 18.2632, -24.5165** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **123.0450, -18.2632, 24.5165**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1830, 19.1368, -24.7165**, and **64.4170, 17.5424, -26.6757** is the 20% darker color. If you saturate the color by 10%, you get **105.3610, 22.5000, -30.1346**, and if you desaturate by 10%, it is **122.5490, 14.0263, -18.8985**.

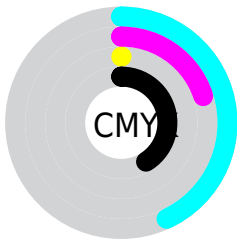
Distribution



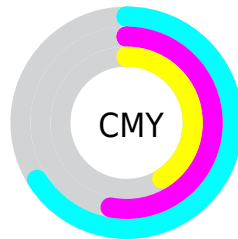
- Red (34%)
- Green (47%)
- Blue (59%)



- Red (34%)
- Yellow (43%)
- Blue (59%)



- Cyan (43%)
- Magenta (20%)
- Yellow (0%)
- Black (41%)



- Cyan (66%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9550, 18.2632, -24.5165 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 113.9550, 18.2632, -24.5165 by changing the saturation by 10% instead.

■ 113.9550, 18.2632,
-24.5165

■ 113.9550, 18.2632,
-24.5165

■ 255.0000, 0.0000,
0.0000

■ 88.5420, 17.9738,
-25.0313

■ 166.1830, 19.1368,
-24.7165

■ 64.4170, 17.5424,
-26.6757

■ 194.2970, 19.5736,
-24.8165

■ 38.6120, 18.4323,
-32.1087

■ 221.2000, 16.6634,
-24.7314

■ 23.0650, 14.7580,
-20.2280

■ 245.1330, 4.8644,
-20.2876

■ 4.8220, 13.3988,
-4.2289

■ 253.8040, 0.5896,
-2.4591

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 113.9550, 18.2632,
-24.5165

■ 113.9550, 18.2632,
-24.5165

■ 105.3610, 22.5000,
-30.1346

■ 122.5490, 14.0263,
-18.8985

■ 96.7670, 26.7369,
-35.7527

■ 131.1430, 9.7895,
-13.2804

■ 88.1730, 30.9737,
-41.3707

■ 139.7370, 5.5527,
-7.6623

■ 79.5790, 35.2106,
-46.9888

■ 148.3310, 1.3158,
-2.0443

■ 70.9850, 39.4474,
-52.6068

■ 157.2240, -3.0684,
4.1886

■ 64.7610, 42.5158,
-56.7954

■ 165.8180, -7.3053,
9.8066

■ 174.4120,
-11.5421, 15.4247

■ 183.0060,
-15.7790, 21.0427

■ 191.6000,
-20.0158, 26.6608

Harmonies

Analogous

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



110.0090, 16.2646, -36.8419



113.9550, 18.2632, -24.5165



117.7940, 15.8776, -5.9583

Triad

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



113.9550, 18.2632, -24.5165



119.5800, -6.2019, 29.3093



113.1050, -9.4188, -12.3701

Complementary

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



113.9550, 18.2632, -24.5165



123.0450, -18.2632, 24.5165

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.



115.5970, -15.5773, 2.9844



113.9550, 18.2632, -24.5165



118.1360, -12.8850, 26.1907

Square

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



113.9550, 18.2632, -24.5165



120.1370, 2.3975, 24.4359



117.0440, -16.7837, 16.6244



111.0090, -0.4974, -27.1949

Rectangle

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



113.9550, 18.2632, -24.5165



119.3610, 12.6400, 5.8224



117.0440, -16.7837, 16.6244



114.1550, -11.9084, -7.1519

Sweetspot

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



113.9550, 18.2632, -24.5165



182.0680, 6.8685, -9.7066



127.4610, -6.1433, -36.3613



90.4060, 4.2368, -5.6181



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



113.9550, 18.2632, -24.5165



137.9130, 28.6369, -38.5117



95.1710, 27.5237, -8.0430



72.2600, 2.3368, -2.8590



60.5720, 39.1580, -53.1216



5.5910, 3.6526, -4.9033

Inverse Universe

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



109.4250, 5.7065, 36.4613



130.7680, 8.9884, 57.2085



141.8290, -27.5237, 8.0430



71.8480, 0.5679, 4.5183



50.5240, 12.5597, 78.4705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 113.9550, 18.2632, -24.5165 looks on a white background.

Color Contrast Check

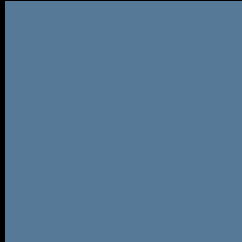
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.9550, 18.2632, -24.5165 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

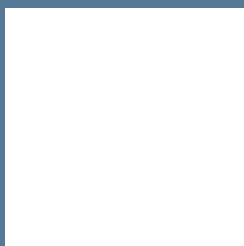
Any Text WCAG AAA × Fail

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

YUV 113.9550, 18.2632, -24.5165 Background



This preview shows how black text looks on a background with the YUV color 113.9550, 18.2632, -24.5165.

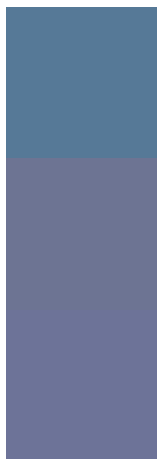


This preview shows how white text looks on a background with the YUV color 113.9550, 18.2632, -24.5165.

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

113.9550, 18.2632, -24.5165

Protanopia

117.4410, 14.5726, -7.4028

Deuteranopia

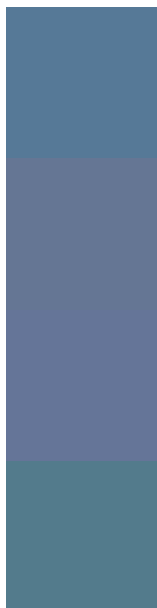
117.4240, 17.0460, -7.3878



Tritanopia

112.2830, 10.7065, -27.4352

Trichromacy



Original Color

113.9550, 18.2632, -24.5165

Protanomaly

116.3370, 15.6099, -13.4505

Deuteranomaly

116.2060, 17.6464, -13.3357

Tritanomaly

112.9780, 13.3218, -26.2907

Monochromacy



Original Color

113.9550, 18.2632, -24.5165

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2530, 6.2843, -8.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9550, 18.2632, -24.5165 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(86, 121, 151)` looks like.

```
.text, #text, p{  
    color:rgb(86, 121, 151)  
}
```

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(86, 121, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 121, 151) }
```

Border

The CSS property to change the border of an element to YUV 113.9550, 18.2632, -24.5165 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(86, 121, 151) }
```


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

```
.border{ border-color:rgb(86, 121, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 121, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 121, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 121, 151);  
box-shadow:4px 4px 4px 4px rgb(86, 121,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 113.9550, 18.2632, -24.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 121, 151) }
```

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

```
.background{ background-color: rgb(86, 121,  
151) }
```

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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