

Converting Colors

YUV(164.7950, 24.2581,
-34.0232)

Have a look what the booklet for
YUV(164.7950, 24.2581, -34.0232)
contains.

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Color

**YUV(164.7950, 24.2581,
-34.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAFD6
RGB	126, 175, 214
RGB Percent	49%, 69%, 84%
CMY	0.5059, 0.3137, 0.1608
CMYK	0.41, 0.18, 0.00, 0.16
HSL	207°, 52%, 67%
HSV	207°, 41%, 84%
XYZ	36.0718, 39.9506, 69.4284
YIQ	164.7950, -41.7230, 1.7410

Conversions

Conversions Part 2

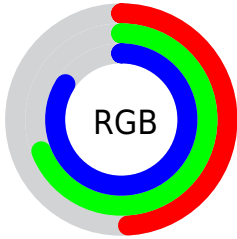
Format	Color
RYB	126, 157, 214
Decimal	8302550
CIELab	69.43, -6.25, -24.84
CIELCh	69, 25.616, 255.883
Yxy	39.9506, 0.2480, 0.2747
Android (android.graphics.Color)	4286492630 (0xFF7EAFD6)
YUV	164.7950, 24.2581, -34.0232
Hunter-Lab	63.2065, -8.7419, -20.8818

Details

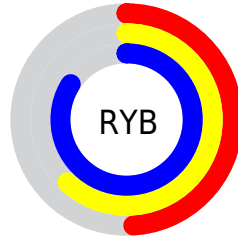
The YUV color **164.7950, 24.2581, -34.0232** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **175.2050, -24.2581, 34.0232**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.4980, 17.9955, -32.0087**, and **111.8550, 23.2425, -34.9528** is the 20% darker color. If you saturate the color by 10%, you get **153.2330, 29.9581, -42.3003**, and if you desaturate by 10%, it is **176.3570, 18.5580, -25.7461**.

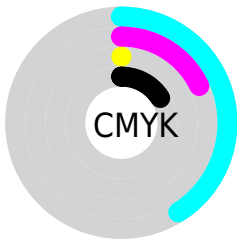
Distribution



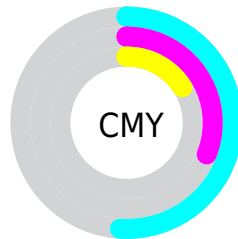
- Red (49%)
- Green (69%)
- Blue (84%)



- Red (49%)
- Yellow (62%)
- Blue (84%)



- Cyan (41%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7950, 24.2581, -34.0232 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 164.7950, 24.2581, -34.0232 by changing the saturation by 10% instead.

■ 164.7950, 24.2581,
-34.0232

■ 164.7950, 24.2581,
-34.0232

■ 255.0000, 0.0000,
0.0000

■ 137.6810, 23.8213,
-33.9232

■ 218.4980, 17.9955,
-32.0087

■ 111.8550, 23.2425,
-34.9528

■ 241.5450, 6.6333,
-27.6650

■ 85.5450, 23.3953,
-37.3120

■ 250.2160, 2.3585,
-9.8364

■ 56.6470, 25.3170,
-47.0484

■ 39.9860, 21.2059,
-35.0677

■ 25.0370, 17.2368,
-21.9574

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 164.7950, 24.2581,
-34.0232

■ 164.7950, 24.2581,
-34.0232

■ 153.2330, 29.9581,
-42.3003

■ 176.3570, 18.5580,
-25.7461

■ 140.7850, 36.0950,
-50.6774

■ 188.8050, 12.4211,
-17.3690

■ 129.2230, 41.7951,
-58.9546

■ 200.3670, 6.7211,
-9.0919

■ 116.7750, 47.9319,
-67.3317

■ 212.8150, 0.5842,
-0.7148

■ 105.2130, 53.6320,
-75.6088

■ 224.3770, -5.1159,
7.5624

■ 94.2490, 59.0372,
-82.6564

■ 236.5260,
-11.1053, 15.3247

■ 242.1080,
-13.8572, 11.3063

■ 247.9780,
-16.7512, 6.1583

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



159.7840, 20.8125, -48.9226



164.7950, 24.2581, -34.0232



169.6670, 21.8562, -10.2320

Triad

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



164.7950, 24.2581, -34.0232



172.7060, -7.2501, 38.8458



164.0570, -13.3391, -14.9590

Complementary

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



164.7950, 24.2581, -34.0232



175.2050, -24.2581, 34.0232

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.



167.2400, -20.8243, 5.9285



164.7950, 24.2581, -34.0232



171.1650, -16.8433, 35.8123

Square

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



164.7950, 24.2581, -34.0232



173.6370, 4.1230, 31.0134



169.4210, -21.8996, 24.1868



161.2100, -2.0755, -34.3872

Rectangle

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



164.7950, 24.2581, -34.0232



172.2130, 17.1500, 5.9522



169.4210, -21.8996, 24.1868



164.8900, -16.7078, -7.7965

Sweetspot

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



164.7950, 24.2581, -34.0232



237.5130, 8.6211, -11.8509



181.9880, -8.8681, -49.1015



117.9220, 4.9685, -6.9476



0.0000, 0.0000, 0.0000



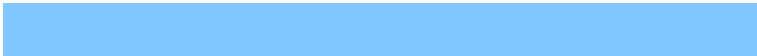
128.0000, 0.0000, 0.0000

Same Dimension

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



164.7950, 24.2581, -34.0232



185.3400, 34.3424, -48.5332



139.5540, 36.7019, -11.8869



100.7760, 3.0684, -4.1886



75.2590, 47.2003, -66.0021



18.9900, 11.8369, -16.6542

Inverse Universe

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



157.8980, 8.4313, 49.2015



175.3550, 12.1500, 69.8487



200.4460, -36.7019, 11.8869



99.9730, 0.9993, 6.1627



61.9590, 16.2892, 95.6290



15.5930, 4.1447, 24.0359

Previews

White Background



This preview shows how the YUV color 164.7950, 24.2581, -34.0232 looks on a white background.

Color Contrast Check

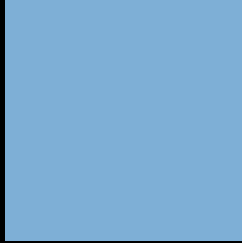
Large Text (above 18pt) WCAG AA × Fail

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 164.7950, 24.2581, -34.0232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

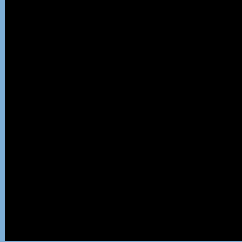
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.7950, 24.2581, -34.0232

Background



This preview shows how black text looks on a background with the YUV color 164.7950, 24.2581, -34.0232.



This preview shows how white text looks on a background with the YUV color 164.7950, 24.2581, -34.0232.

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

164.7950, 24.2581, -34.0232

Protanopia

169.3960, 19.5248, -9.1173

Deuteranopia

170.2050, 22.5769, -8.0728



Tritanopia

162.9550, 14.8122, -37.6715

Trichromacy



Original Color

164.7950, 24.2581, -34.0232

Protanomaly

167.7970, 21.2991, -18.2390

Deuteranomaly

167.9650, 23.1883, -17.5093

Tritanomaly

163.8780, 18.3011, -36.7270

Monochromacy



Original Color

164.7950, 24.2581, -34.0232

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2140, 8.7685, -12.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7950, 24.2581, -34.0232 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(126, 175, 214)` looks like.

```
.text, #text, p{  
    color:rgb(126, 175, 214)  
}
```

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(126, 175, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 175, 214) }
```

Border

The CSS property to change the border of an element to YUV 164.7950, 24.2581, -34.0232 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

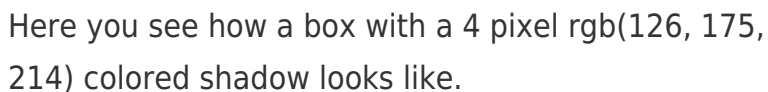
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 175, 214) }
```


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

```
.border{ border-color:rgb(126, 175, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 175, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 175, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 175, 214);  
box-shadow:4px 4px 4px 4px rgb(126, 175,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 164.7950, 24.2581, -34.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 175, 214) }
```

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

```
.background{ background-color: rgb(126,  
175, 214) }
```

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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