

Converting Colors

YUV(62.7950, 24.2581,
-34.0232)

Have a look what the booklet for
YUV(62.7950, 24.2581, -34.0232)
contains.

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Color

**YUV(62.7950, 24.2581,
-34.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	184970
RGB	24, 73, 112
RGB Percent	9%, 29%, 44%
CMY	0.9059, 0.7137, 0.5608
CMYK	0.79, 0.35, 0.00, 0.56
HSL	207°, 65%, 27%
HSV	207°, 79%, 44%
XYZ	5.6839, 6.1291, 16.2127
YIQ	62.7950, -41.7230, 1.7410

Conversions

Conversions Part 2

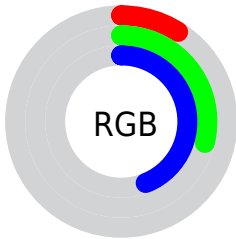
Format	Color
R_{YB}	24, 55, 112
Decimal	1591664
CIE _{Lab}	29.74, -1.61, -27.15
CIE _{LCh}	30, 27.198, 266.603
Yxy	6.1291, 0.2028, 0.2187
Android (android.graphics.Color)	4279781744 (0xFF184970)
YUV	62.7950, 24.2581, -34.0232
Hunter-Lab	24.7571, -2.3439, -21.4974

Details

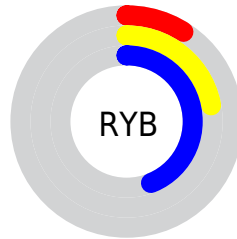
The YUV color **62.7950, 24.2581, -34.0232** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **73.2050, -24.2581, 34.0232**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9420, 24.6786, -28.8901**, and **24.9060, 19.2733, -21.8426** is the 20% darker color. If you saturate the color by 10%, you get **56.5710, 27.3265, -38.2118**, and if you desaturate by 10%, it is **69.0190, 21.1896, -29.8347**.

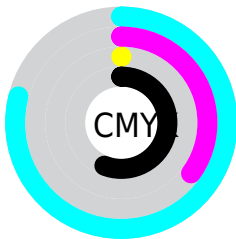
Distribution



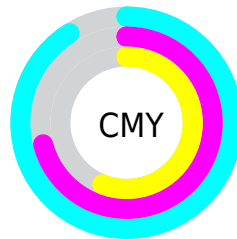
- Red (9%)
- Green (29%)
- Blue (44%)



- Red (9%)
- Yellow (22%)
- Blue (44%)



- Cyan (79%)
- Magenta (35%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7950, 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 62.7950, 24.2581, -34.0232 by changing the saturation by 10% instead.

62.7950, 24.2581,
-34.0232

62.7950, 24.2581,
-34.0232

255.0000, 0.0000,
0.0000

39.8550, 23.2425,
-34.9528

113.9420, 24.6786,
-28.8901

24.9060, 19.2733,
-21.8426

140.3550, 24.9680,
-28.3753

6.5490, 17.4773,
-5.7435

167.4690, 25.4048,
-28.4753

2.8670, 8.4466,
-2.5144

194.9960, 26.1310,
-28.0605

0.0000, 0.0000,
0.0000

220.6020, 16.9582,
-25.9610

244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

62.7950, 24.2581,
-34.0232

62.7950, 24.2581,
-34.0232

56.5710, 27.3265,
-38.2118

69.0190, 21.1896,
-29.8347

50.3470, 30.3949,
-42.4003

75.2430, 18.1212,
-25.6461

49.1620, 30.9791,
-43.1151

81.7660, 14.9054,
-20.8428

87.9900, 11.8369,
-16.6542

94.2140, 8.7685,
-12.4657

■ 100.4380, 5.7001,
-8.2771

■ 106.6620, 2.6316,
-4.0886

■ 113.1850, -0.5842,
0.7148

■ 119.4090, -3.6526,
4.9033

Harmonies

Analogous

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



57.7560, 23.2913, -50.6520



62.7950, 24.2581, -34.0232



70.7990, 18.3401, -2.4547

Triad

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



62.7950, 24.2581, -34.0232



70.2170, -8.9810, 34.0127



62.6800, -8.2232, -22.5214

Complementary

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



62.7950, 24.2581, -34.0232



73.2050, -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.



66.1080, -17.3082, -1.8487



62.7950, 24.2581, -34.0232



69.4090, -16.9636, 27.7053

Square

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



62.7950, 24.2581, -34.0232



70.8390, 1.0654, 31.7132



68.4090, -20.4146, 14.5503



55.1850, 5.8248, -48.3972

Rectangle

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



62.7950, 24.2581, -34.0232



72.5190, 13.0551, 12.6998



68.4090, -20.4146, 14.5503



63.8120, -11.7393, -14.7441

Sweetspot

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



62.7950, 24.2581, -34.0232



125.7300, 9.5001, -13.7952



79.9880, -8.8681, -49.1015



61.8510, 5.9895, -7.7623



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



62.7950, 24.2581, -34.0232



69.1160, 37.4108, -52.7217



37.5540, 36.7019, -11.8869



53.0320, 1.4632, -2.6591



53.0090, 33.0266, -46.4889



109.1640, 67.9531, -95.7368

Inverse Universe

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



55.8980, 8.4313, 49.2015



58.3280, 13.1493, 76.0113



98.4460, -36.7019, 11.8869



52.2500, 0.8628, 3.2888



43.5180, 11.5766, 67.0747



89.5850, 23.8686, 138.0530

Previews

White Background



This preview shows how the YUV color 62.7950, 24.2581, -34.0232 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 ✓ Pass

Black Background



This preview shows how the YUV color 62.7950, 24.2581, -34.0232 looks on a black 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

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

YUV 62.7950, 24.2581, -34.0232

Background



This preview shows how black text looks on a background with the YUV color 62.7950, 24.2581, -34.0232.



This preview shows how white text looks on a background with the YUV color 62.7950, 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

62.7950, 24.2581, -34.0232

Protanopia

69.5590, 18.9514, -11.8912

Deuteranopia

67.4270, 22.4675, -19.6685



Tritanopia

55.3620, 14.1185, -48.5525

Trichromacy



Original Color

62.7950, 24.2581, -34.0232

Protanomaly

66.6720, 20.8677, -19.8833

Deuteranomaly

65.6220, 23.3574, -25.1015

Tritanomaly

58.0190, 17.7386, -42.9897

Monochromacy



Original Color

62.7950, 24.2581, -34.0232

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2140, 8.7685, -12.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7950, 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(24, 73, 112)` looks like.

```
.text, #text, p{  
    color:rgb(24, 73, 112)  
}
```

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(24, 73, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 73, 112) }
```

Border

The CSS property to change the border of an element to YUV 62.7950, 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(24, 73, 112) }
```


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

```
.border{ border-color:rgb(24, 73, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 73, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 73, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 73, 112);  
box-shadow:4px 4px 4px 4px rgb(24, 73,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 62.7950, 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(24, 73, 112) }
```

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

```
.background{ background-color: rgb(24, 73,  
112) }
```

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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