

Converting Colors

HunterLab(54.9769, -33.8554,
24.0152)

Have a look what the booklet for
HunterLab(54.9769, -33.8554,
24.0152) contains.

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Color

**HunterLab(54.9769,
-33.8554, 24.0152)**

Conversions

Conversions Part 1

Format	Color
Hex	55A755
RGB	85, 167, 85
RGB Percent	33%, 65%, 33%
CMY	0.6667, 0.3451, 0.6667
CMYK	0.49, 0.00, 0.49, 0.35
HSL	120°, 33%, 49%
HSV	120°, 49%, 65%
XYZ	19.2047, 30.2246, 13.4161
YIQ	133.1340, -22.5500, -42.8860

Conversions

Conversions Part 2

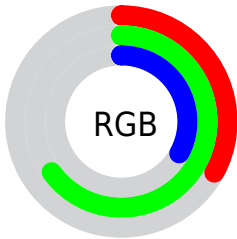
Format	Color
RYB	85, 167, 167
Decimal	5613397
CIELab	61.85, -42.15, 34.70
CIELCh	62, 54.595, 140.539
Yxy	30.2259, 0.3056, 0.4809
Android (android.graphics.Color)	4283803477 (0xFF55A755)
YUV	133.1340, -23.7301, -42.2135
Hunter-Lab	54.9769, -33.8554, 24.0152

Details

The HunterLab color $54.9769, -33.8554, 24.0152$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $41.8365, 38.4036, -25.3601$, and the grayscale version is $48.5816, -2.5922, 2.6395$.

A 20% lighter version of the original color is $77.5425, -39.8299, 29.2742$, and $35.1691, -27.3543, 18.3784$ is the 20% darker color. If you saturate the color by 10%, you get $54.1290, -37.7522, 26.6497$, and if you desaturate by 10%, it is $56.0351, -29.1003, 20.8004$.

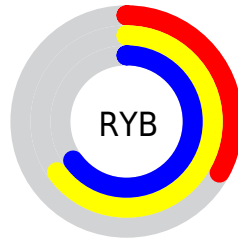
Distribution



Red (33%)

Green (65%)

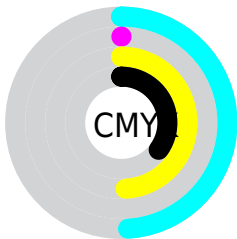
Blue (33%)



Red (33%)

Yellow (65%)

Blue (65%)

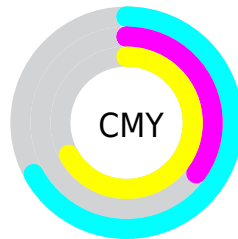


Cyan (49%)

Magenta (0%)

Yellow (49%)

Black (35%)



Cyan (67%)


Magenta (35%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 54.9769, -33.8554, 24.0152 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 HunterLab color 54.9769, -33.8554, 24.0152 by changing the saturation by 10% instead.


 54.9769, -33.8554,
24.0152


 54.9769, -33.8554,
24.0152


174.0563,
-57.9615, 45.2395


 44.7326, -30.7020,
21.2633


 77.4720, -39.7385,
29.1646


 35.2170, -27.3481,
18.3473


 89.6468, -42.5227,
31.6081

 26.4921, -23.7241,
15.2179


 102.4000,
-45.2280, 33.9864

 18.6375, -19.7176,
12.3853

 115.7063,
-47.8680, 36.3112

 11.7630, -17.2806,
8.2341

 129.5438,
-50.4536, 38.5921

 4.5239, -7.9168,
3.1667

143.8927,

0.0000, NaN, NaN

-52.9932, 40.8365

0.0000, NaN, NaN

158.7355,
-55.4939, 43.0506

0.0000, NaN, NaN

■ 54.9769, -33.8554,
24.0152

■ 54.9769, -33.8554,
24.0152

■ 54.1290, -37.7522,
26.6497

■ 56.0351, -29.1003,
20.8004

■ 53.4813, -40.7715,
28.6913

■ 57.3026, -23.5279,
17.0338

■ 53.0236, -42.9311,
30.1517


■ 58.7793, -17.2033,
12.7595

■ 52.7385, -44.2871,
31.0687


■ 60.4611, -10.2039,
8.0301


■ 52.5848, -45.0218,
31.5657


■ 62.3415, -2.6139,
2.9026

 52.5725, -45.0808,
31.6056

 64.4123, 5.4818,
-2.5653

 66.6643, 14.0020,
-8.3185

 69.0874, 22.8718,
-14.3065

 71.6715, 32.0248,
-20.4841

Harmonies

Analogous

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



54.9781, -18.0154, 30.0626



54.9769, -33.8554, 24.0152



54.9781, -41.0235, 9.6462

Triad

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



54.9781, -33.8563, 24.0156



54.9781, -10.2217, -59.1608



54.9781, 46.5233, 16.1224

Complementary

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



54.9769, -33.8554, 24.0152



41.8365, 38.4036, -25.3601

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.



54.9781, 49.5654, -4.6130



54.9769, -33.8554, 24.0152



54.9781, 13.9661, -54.9734

Square

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



54.9781, -33.8563, 24.0156



54.9781, -28.9830, -42.0449



54.9781, 36.8143, -32.2618



54.9781, 29.0943, 27.0287

Rectangle

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



54.9769, -33.8554, 24.0152



54.9781, -40.9186, -5.5330



54.9781, 36.8143, -32.2618



54.9781, 49.3652, 10.3395

Sweetspot

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



54.9781, -33.8563, 24.0156



79.4905, -19.5342, 14.7184



60.4238, -12.9935, 28.5723



37.3932, -10.1215, 7.5578



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



54.9781, -33.8563, 24.0156



72.3418, -50.9624, 35.9618



55.7462, -29.2515, 12.8443



28.9961, -4.9625, 3.8979



45.9875, -39.4342, 27.6468



7.1732, -6.1509, 4.3123

Inverse Universe

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



41.8365, 38.4036, -25.3601



51.8003, 63.0164, -41.9173



40.2732, 31.2486, -3.6968



27.6887, 2.0992, -0.9278



29.0197, 57.0534, -38.2729



4.5265, 8.8993, -5.9700

Previews

White Background



This preview shows how the HunterLab color 54.9769, -33.8554, 24.0152 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 HunterLab color 54.9769, -33.8554, 24.0152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

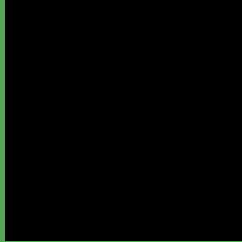
Any Text WCAG AA ✓ Pass

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](#).

HunterLab 54.9769, -33.8554, 24.0152 Background



This preview shows how black text looks on a background with the HunterLab color 54.9769, -33.8554, 24.0152.



This preview shows how white text looks on a background with the HunterLab color 54.9769,

-33.8554, 24.0152.

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

54.9769, -33.8554, 24.0152

Protanopia

54.7283, -6.1841, 25.6014

Deuteranopia

54.5936, 3.8042, 22.9580



Tritanopia

54.9905, -14.8361, -7.3785

Trichromacy



Original Color

54.9769, -33.8554, 24.0152

Protanomaly

54.3341, -18.3241, 24.6650

Deuteranomaly

53.7347, -12.4943, 22.4641

Tritanomaly

54.6266, -22.9603, 6.7473

Monochromacy



Original Color

54.9769, -33.8554, 24.0152

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

50.2243, -15.1044, 11.1780

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.9769, -33.8554, 24.0152 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(85, 167, 85)` looks like.

```
.text, #text, p{  
    color:rgb(85, 167, 85)  
}
```

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(85, 167, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 167, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 54.9769, -33.8554, 24.0152 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(85, 167, 85) }
```


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

```
.border{ border-color:rgb(85, 167, 85) }
```

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

Here you see how a box with a 4 pixel rgb(85, 167, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 167, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 167, 85);  
box-shadow:4px 4px 4px 4px rgb(85, 167,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.9769, -33.8554, 24.0152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 167, 85) }
```

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

```
.background{ background-color: rgb(85, 167,  
85) }
```

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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