

Converting Colors

XYZ(44.5056, 58.9283, 37.5222)

Have a look what the booklet for
XYZ(44.5056, 58.9283, 37.5222)
contains.

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Color

**XYZ(44.4779, 58.7552,
37.4304)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D895
RGB	160, 216, 149
RGB Percent	63%, 85%, 58%
CMY	0.3725, 0.1529, 0.4157
CMYK	0.26, 0.00, 0.31, 0.15
HSL	110°, 46%, 72%
HSV	110°, 31%, 85%
XYZ	44.4779, 58.7552, 37.4304
YIQ	191.6180, -11.8690, -32.7090

Conversions

Conversions Part 2

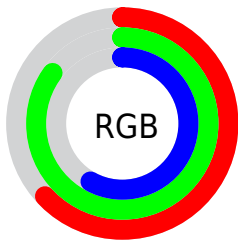
Format	Color
RYB	149, 216, 205
Decimal	10541205
CIELab	81.16, -30.59, 27.41
CIELCh	81, 41.076, 138.145
Yxy	58.7552, 0.3162, 0.4177
Android (android.graphics.Color)	4288731285 (0xFFA0D895)
YUV	191.6180, -21.0107, -27.7290
Hunter-Lab	76.6519, -30.5648, 24.7041

Details

The XYZ color **44.4779, 58.7552, 37.4304** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.3214, 39.4336, 70.0334**, and the grayscale version is **50.0050, 52.6091, 57.2914**.

A 20% lighter version of the original color is **74.9780, 90.4786, 70.6391**, and **21.0129, 29.4974, 16.1413** is the 20% darker color. If you saturate the color by 10%, you get **39.5602, 56.4029, 29.0180**, and if you desaturate by 10%, it is **50.2427, 61.5107, 47.5544**.

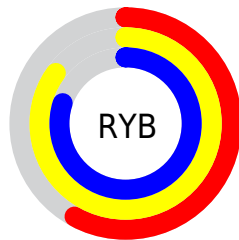
Distribution



Red (63%)

Green (85%)

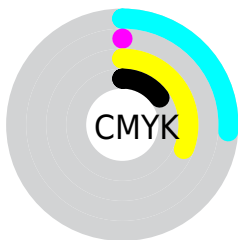
Blue (58%)



Red (58%)

Yellow (85%)

Blue (80%)

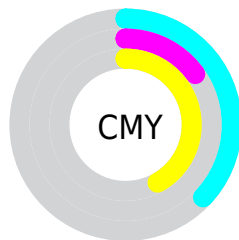


Cyan (26%)

Magenta (0%)

Yellow (31%)

Black (15%)



Cyan (37%)


Magenta (15%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4779, 58.7552, 37.4304 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 XYZ color 44.4779, 58.7552, 37.4304 by changing the saturation by 10% instead.


 44.4779, 58.7552,
37.4304


 44.4779, 58.7552,
37.4304


355.4743,
419.9941, 350.3948

 31.2459, 42.4161,
25.2425


 81.1783, 103.0218,
72.4280

 20.9389, 29.4272,
16.0372


 105.3774,
131.7181, 96.0747

 13.1916, 19.4043,
9.3958


133.9629,
165.3022, 124.3782

 7.6385, 11.9627,
4.8999

167.3002,
204.1585, 157.7568

 3.9144, 6.7183,
2.1310

205.7547,
248.6715, 196.6293

 1.6538, 3.2866,
0.6341

249.6916,

 0.4271, 1.2831,

299.2255, 241.4141

0.0000

299.4763,
356.2049, 292.5298

■ 0.0000, 0.1281,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.4779, 58.7552,
37.4304

■ 44.4779, 58.7552,
37.4304

■ 39.5602, 56.4029,
29.0180

■ 50.2427, 61.5107,
47.5544

■ 35.4448, 54.4275,
22.2190

■ 56.8876, 64.6793,
59.4732

■ 32.0897, 52.8115,
16.9311

■ 64.4492, 68.2800,
73.2693

■ 29.4471, 51.5326,
13.0390

■ 72.9608, 72.3281,
89.0188

■ 27.4635, 50.5661,
10.4106

■ 82.1295, 76.7086,
105.0853

■ 26.0774, 49.8839,
8.8883

■ 83.8470, 77.5940,
105.1657

■ 25.2658, 49.4794,
8.2188

Harmonies

Analogous

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



50.8823, 58.7552, 28.8646



44.4779, 58.7552, 37.4304



41.2574, 58.7552, 54.7853

Triad

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



44.4779, 58.7552, 37.4304



52.5368, 58.7552, 121.9693



72.9611, 58.7552, 50.4090

Complementary

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



44.4779, 58.7552, 37.4304



48.3214, 39.4336, 70.0334

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.



73.5202, 58.7552, 74.1376



44.4779, 58.7552, 37.4304



61.1205, 58.7552, 119.9258

Square

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



44.4779, 58.7552, 37.4304



45.5825, 58.7552, 105.8196



69.0006, 58.7552, 100.7940



67.5428, 58.7552, 34.9336

Rectangle

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



44.4779, 58.7552, 37.4304



41.1066, 58.7552, 70.8765



69.0006, 58.7552, 100.7940



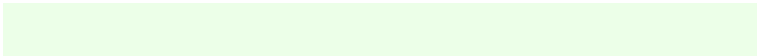
73.7423, 58.7552, 57.5357

Sweetspot

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



44.4794, 58.7577, 37.4317



84.8641, 95.1507, 90.2743



55.5376, 60.3545, 37.1571



17.8345, 20.2090, 18.7241



0.0000, 0.0000, 0.0000



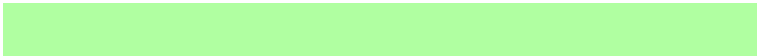
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4794, 58.7577, 37.4317



60.0980, 83.3271, 46.4729



44.3346, 58.4569, 47.6429



12.4505, 13.9929, 13.2054



15.0148, 29.3167, 4.8673



0.9657, 1.7992, 0.2964

Inverse Universe

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



48.3214, 39.4336, 70.0334



66.5034, 51.0275, 100.9519



48.7686, 39.9754, 55.9907



12.7436, 12.5247, 15.6834



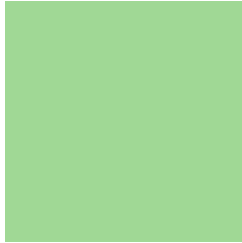
18.6301, 8.7567, 39.1614



1.1782, 0.5563, 2.3646

Previews

White Background



This preview shows how the XYZ color 44.4779, 58.7552, 37.4304 looks on a white background.

Color Contrast Check

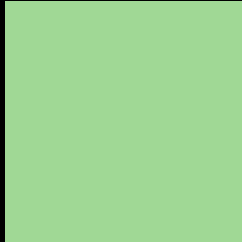
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.4779, 58.7552, 37.4304 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

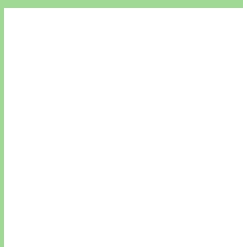
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4779, 58.7552, 37.4304

Background



This preview shows how black text looks on a background with the XYZ color 44.4779, 58.7552, 37.4304.



This preview shows how white text looks on a background with the XYZ color 44.4779, 58.7552,

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

44.4779, 58.7552, 37.4304

Protanopia

54.3844, 58.4780, 34.0122

Deuteranopia

59.4948, 58.3059, 38.6903



Tritanopia

52.8657, 58.8376, 78.3825

Trichromacy



Original Color

44.4779, 58.7552, 37.4304

Protanomaly

49.9471, 57.9227, 35.3358

Deuteranomaly

52.5666, 57.4502, 38.0242

Tritanomaly

49.1588, 58.4035, 60.9066

Monochromacy



Original Color

44.4779, 58.7552, 37.4304

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

47.5455, 54.6112, 49.1094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4779, 58.7552, 37.4304 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(160, 216, 149)` looks like.

```
.text, #text, p{  
    color:rgb(160, 216, 149)  
}
```

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(160, 216, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 216, 149) }
```

Border

The CSS property to change the border of an element to XYZ 44.4779, 58.7552, 37.4304 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(160, 216, 149) }
```


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

```
.border{ border-color:rgb(160, 216, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 216, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 216, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 216, 149);  
box-shadow:4px 4px 4px 4px rgb(160, 216,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4779, 58.7552, 37.4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 216, 149) }
```

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

```
.background{ background-color: rgb(160,  
216, 149) }
```

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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