

Converting Colors

XYZ(43.6883, 55.0142, 37.1646)

Have a look what the booklet for
XYZ(43.6883, 55.0142, 37.1646)
contains.

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Color

**XYZ(43.7542, 55.0431,
37.1725)**

Conversions

Conversions Part 1

Format	Color
Hex	A7CF96
RGB	167, 207, 150
RGB Percent	65%, 81%, 59%
CMY	0.3451, 0.1882, 0.4118
CMYK	0.19, 0.00, 0.28, 0.19
HSL	102°, 37%, 70%
HSV	102°, 28%, 81%
XYZ	43.7542, 55.0431, 37.1725
YIQ	188.5420, -5.5430, -26.2070

Conversions

Conversions Part 2

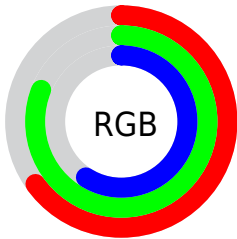
Format	Color
RYB	150, 207, 190
Decimal	10997654
CIELab	79.07, -23.70, 24.13
CIELCh	79, 33.819, 134.490
Yxy	55.0431, 0.3218, 0.4048
Android (android.graphics.Color)	4289187734 (0xFFA7CF96)
YUV	188.5420, -19.0012, -18.8923
Hunter-Lab	74.1910, -24.5639, 22.2272

Details

The XYZ color **43.7542, 55.0431, 37.1725** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.4063, 37.2664, 63.9397**, and the grayscale version is **48.2167, 50.7277, 55.2425**.

A 20% lighter version of the original color is **77.0905, 91.5676, 70.7380**, and **20.5828, 27.2607, 15.9814** is the 20% darker color. If you saturate the color by 10%, you get **39.3342, 52.9420, 29.0198**, and if you desaturate by 10%, it is **48.8164, 57.4445, 46.8946**.

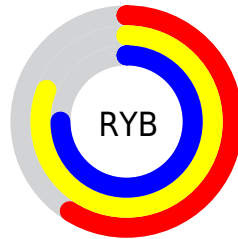
Distribution



Red (65%)

Green (81%)

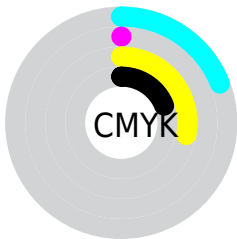
Blue (59%)



Red (59%)

Yellow (81%)

Blue (75%)

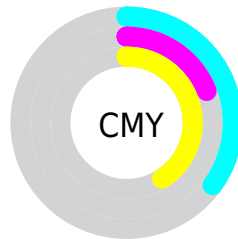


Cyan (19%)

Magenta (0%)

Yellow (28%)

Black (19%)



Cyan (35%)


Magenta (19%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7542, 55.0431, 37.1725 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 43.7542, 55.0431, 37.1725 by changing the saturation by 10% instead.


 43.7542, 55.0431,
37.1725

 43.7542, 55.0431,
37.1725


352.5735,
406.0753, 349.2479

 30.6744, 39.4362,
25.0442


 80.0964, 97.6041,
72.0273

 20.5016, 27.0993,
15.8907


 104.0895,
125.3270, 95.5909

 12.8706, 17.6478,
9.2933

132.4511,
157.8574, 123.8034

 7.4159, 10.6974,
4.8336

165.5465,
195.5797, 157.0833

 3.7722, 5.8638,
2.0929

203.7410,
238.8782, 195.8492

 1.5741, 2.7624,
0.6116

247.4002,

 0.3754, 1.0090,

288.1374, 240.5196

0.0000

296.8892,
343.7416, 291.5129

■ 0.0000, 0.0000,
0.0000

■ 43.7542, 55.0431,
37.1725

■ 43.7542, 55.0431,
37.1725

■ 39.3342, 52.9420,
29.0198

■ 48.8164, 57.4445,
46.8946

■ 35.5251, 51.1221,
22.3509

■ 54.5417, 60.1504,
58.2586

■ 32.2997, 49.5727,
17.0771

■ 60.9552, 63.1738,
71.3368

■ 29.6264, 48.2798,
13.0992

■ 68.0796, 66.5251,
86.1964

■ 27.4705, 47.2280,
10.3048

■ 75.9362, 70.2137,
102.9006

■ 25.7926, 46.3999,
8.5622

■ 81.2973, 72.9497,
104.4036

■ 24.5424, 45.7734,
7.6881

■ 81.6039, 73.1078,
104.4180

■ 24.2837, 45.6433,
7.5302

Harmonies

Analogous

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



49.1422, 55.0431, 30.7125



43.7542, 55.0431, 37.1725



40.8015, 55.0431, 50.5498

Triad

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



43.7542, 55.0431, 37.1725



48.9289, 55.0431, 103.2569



65.8869, 55.0431, 51.1213

Complementary

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



43.7542, 55.0431, 37.1725



43.4063, 37.2664, 63.9397

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.



65.8174, 55.0431, 70.4100



43.7542, 55.0431, 37.1725



55.6253, 55.0431, 103.5027

Square

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



43.7542, 55.0431, 37.1725



43.6096, 55.0431, 89.8701



61.9295, 55.0431, 90.4831



62.1121, 55.0431, 37.5131

Rectangle

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



43.7542, 55.0431, 37.1725



40.4366, 55.0431, 62.8840



61.9295, 55.0431, 90.4831



66.3220, 55.0431, 57.0750

Sweetspot

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



43.7556, 55.0455, 37.1737



86.8653, 96.1402, 92.2732



49.6312, 52.2533, 36.3251



18.2807, 20.4306, 19.1243



0.0000, 0.0000, 0.0000



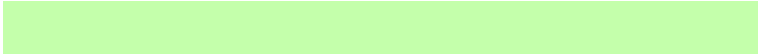
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7556, 55.0455, 37.1737



65.8469, 86.1829, 51.6176



41.3605, 53.6995, 42.0897



11.9830, 13.3747, 12.5620



15.3828, 28.7991, 4.7480



0.9400, 1.6514, 0.2692

Inverse Universe

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



43.4063, 37.2664, 63.9397



65.1874, 53.0965, 101.4206



46.5588, 39.0469, 57.0714



11.9532, 11.8247, 14.8961



14.5821, 6.6977, 37.7167



0.8931, 0.4146, 2.1125

Previews

White Background



This preview shows how the XYZ color 43.7542, 55.0431, 37.1725 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 43.7542, 55.0431, 37.1725 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 43.7542, 55.0431, 37.1725

Background



This preview shows how black text looks on a background with the XYZ color 43.7542, 55.0431, 37.1725.



This preview shows how white text looks on a background with the XYZ color 43.7542, 55.0431,

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

43.7542, 55.0431, 37.1725

Protanopia

50.9204, 54.6299, 34.6489

Deuteranopia

55.5980, 54.3677, 38.1355



Tritanopia

50.6925, 55.0490, 71.5721

Trichromacy



Original Color

43.7542, 55.0431, 37.1725

Protanomaly

47.9380, 54.4228, 35.5818

Deuteranomaly

50.4952, 54.0053, 37.8997

Tritanomaly

47.7581, 54.8869, 57.3673

Monochromacy



Original Color

43.7542, 55.0431, 37.1725

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.5338, 52.3988, 48.2188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7542, 55.0431, 37.1725 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(167, 207, 150)` looks like.

```
.text, #text, p{  
    color:rgb(167, 207, 150)  
}
```

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(167, 207, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 207, 150) }
```

Border

The CSS property to change the border of an element to XYZ 43.7542, 55.0431, 37.1725 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(167, 207, 150) }
```


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

```
.border{ border-color:rgb(167, 207, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 207, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 207, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 207, 150);  
box-shadow:4px 4px 4px 4px rgb(167, 207,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7542, 55.0431, 37.1725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 207, 150) }
```

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

```
.background{ background-color: rgb(167,  
207, 150) }
```

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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