

Converting Colors

XYZ(38.7511, 45.4465, 35.9149)

Have a look what the booklet for
XYZ(38.7511, 45.4465, 35.9149)
contains.

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Color

**XYZ(38.6619, 45.3515,
35.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BA97
RGB	165, 186, 151
RGB Percent	65%, 73%, 59%
CMY	0.3529, 0.2706, 0.4078
CMYK	0.11, 0.00, 0.19, 0.27
HSL	96°, 20%, 66%
HSV	96°, 19%, 73%
XYZ	38.6619, 45.3515, 35.9942
YIQ	175.7310, -1.2810, -15.3370

Conversions

Conversions Part 2

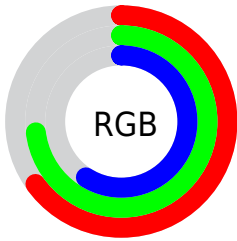
Format	Color
RYB	151, 186, 172
Decimal	10861207
CIELab	73.12, -13.68, 15.37
CIELCh	73, 20.578, 131.671
Yxy	45.3515, 0.3222, 0.3779
Android (android.graphics.Color)	4289051287 (0xFFA5BA97)
YUV	175.7310, -12.1924, -9.4111
Hunter-Lab	67.3435, -15.3744, 15.4508

Details

The XYZ color **38.6619, 45.3515, 35.9942** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.9446, 34.4503, 51.1591**, and the grayscale version is **41.1897, 43.3348, 47.1916**.

A 20% lighter version of the original color is **72.2868, 83.1277, 69.9929**, and **17.4978, 21.2059, 15.2275** is the 20% darker color. If you saturate the color by 10%, you get **35.0481, 43.6509, 28.5523**, and if you desaturate by 10%, it is **42.7191, 47.2559, 44.7029**.

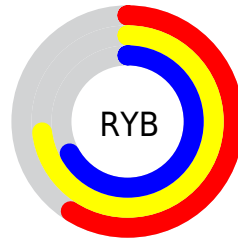
Distribution



Red (65%)

Green (73%)

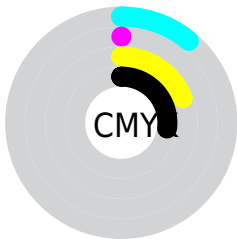
Blue (59%)



Red (59%)

Yellow (73%)

Blue (67%)

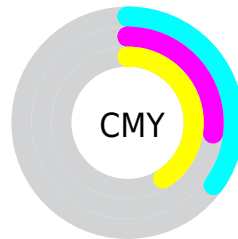


Cyan (11%)

Magenta (0%)

Yellow (19%)

Black (27%)



Cyan (35%)

Magenta (27%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6619, 45.3515, 35.9942 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 38.6619, 45.3515, 35.9942 by changing the saturation by 10% instead.

■ 38.6619, 45.3515,
35.9942

■ 38.6619, 45.3515,
35.9942

331.6829,
368.1953, 343.9718

■ 26.6763, 31.7344,
24.1401

■ 72.4189, 83.2476,
70.1921

■ 17.4656, 21.1587,
15.2244

■ 94.9211, 108.2954,
93.3729

■ 10.6644, 13.2401,
8.8286

121.6595,
137.9222, 121.1663

■ 5.9073, 7.5941,
4.5343

152.9995,
172.5124, 153.9909

■ 2.8289, 3.8363,
1.9228

189.3065,
212.4505, 192.2652

■ 1.0639, 1.5824,
0.5072

230.9459,

■ 0.0000, 0.3457,

258.1207, 236.4078

0.0000

278.2828,
309.9075, 286.8371

■ 0.0000, 0.0000,
0.0000

■ 38.6619, 45.3515,
35.9942

■ 38.6619, 45.3515,
35.9942

■ 35.0481, 43.6509,
28.5523

■ 42.7191, 47.2559,
44.7029

■ 31.8579, 42.1410,
22.3151

■ 47.2315, 49.3648,
54.7305

■ 29.0749, 40.8162,
17.2202

■ 52.2148, 51.6867,
66.1297

■ 26.6805, 39.6684,
13.1979

■ 57.6831, 54.2276,
78.9497

■ 24.6542, 38.6887,
10.1712

■ 63.6495, 56.9933,
93.2371

■ 22.9733, 37.8673,
8.0526

■ 68.8781, 59.4900,
102.4602

■ 21.6119, 37.1931,
6.7396

■ 72.6165, 61.4173,
102.6352

■ 20.5295, 36.6491,
6.0551

■ 76.5891, 63.4652,
102.8211

■ 20.4142, 36.5911,
5.9868

■ 76.8498, 63.5996,
102.8333

Harmonies

Analogous

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



41.7191, 45.3515, 32.3884



38.6619, 45.3515, 35.9942



36.8584, 45.3515, 43.4004

Triad

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



38.6619, 45.3515, 35.9942



40.9634, 45.3515, 70.7073



50.2511, 45.3515, 45.4747

Complementary

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



38.6619, 45.3515, 35.9942



36.9446, 34.4503, 51.1591

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.



50.0208, 45.3515, 55.8852



38.6619, 45.3515, 35.9942



44.5217, 45.3515, 71.4677

Square

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



38.6619, 45.3515, 35.9942



38.1352, 45.3515, 63.7788



47.8766, 45.3515, 65.7307



48.4893, 45.3515, 37.3300

Rectangle

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



38.6619, 45.3515, 35.9942



36.5453, 45.3515, 49.9608



47.8766, 45.3515, 65.7307



50.4066, 45.3515, 48.8039

Sweetspot

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



38.6631, 45.3535, 35.9952



79.5677, 86.6515, 85.7233



40.5899, 42.1803, 35.2812



17.4074, 19.0284, 18.6249



90.7827, 95.5105, 104.0109



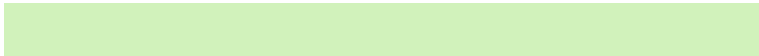
18.6292, 19.5994, 21.3438

Same Dimension

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



38.6631, 45.3535, 35.9952



66.9889, 80.7497, 58.8073



36.1972, 44.0489, 37.3860



9.2212, 10.2307, 9.5956



13.8131, 24.6572, 4.0313



0.5574, 0.9055, 0.1454

Inverse Universe

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



36.9446, 34.4503, 51.1591



63.2407, 56.9787, 91.8663



39.8133, 35.9717, 49.3744



9.0240, 8.9787, 11.3369



10.5111, 4.7299, 31.6120



0.4384, 0.2017, 1.1176

Previews

White Background



This preview shows how the XYZ color 38.6619, 45.3515, 35.9942 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 38.6619, 45.3515, 35.9942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

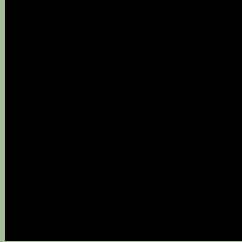
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6619, 45.3515, 35.9942

Background



This preview shows how black text looks on a background with the XYZ color 38.6619, 45.3515, 35.9942.



This preview shows how white text looks on a background with the XYZ color 38.6619, 45.3515,

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

38.6619, 45.3515, 35.9942

Protanopia

42.7006, 45.3255, 34.5151

Deuteranopia

46.0389, 44.9600, 36.8235



Tritanopia

43.0721, 45.3082, 57.5142

Trichromacy



Original Color

38.6619, 45.3515, 35.9942

Protanomaly

41.2088, 45.4496, 35.0345

Deuteranomaly

42.9578, 44.8206, 36.5241

Tritanomaly

41.1260, 45.1053, 48.6581

Monochromacy



Original Color

38.6619, 45.3515, 35.9942

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.3096, 44.2032, 42.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6619, 45.3515, 35.9942 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(165, 186, 151)` looks like.

```
.text, #text, p{  
    color:rgb(165, 186, 151)  
}
```

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(165, 186, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 186, 151) }
```

Border

The CSS property to change the border of an element to XYZ 38.6619, 45.3515, 35.9942 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(165, 186, 151) }
```


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

```
.border{ border-color:rgb(165, 186, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 186, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 186, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 186, 151);  
box-shadow:4px 4px 4px 4px rgb(165, 186,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6619, 45.3515, 35.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 186, 151) }
```

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

```
.background{ background-color: rgb(165,  
186, 151) }
```

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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