

Converting Colors

XYZ(35.6771, 44.8375, 25.3168)

Have a look what the booklet for
XYZ(35.6771, 44.8375, 25.3168)
contains.

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Color

**XYZ(35.8110, 45.0694,
25.2242)**

Conversions

Conversions Part 1

Format	Color
Hex	9EBD7A
RGB	158, 189, 122
RGB Percent	62%, 74%, 48%
CMY	0.3804, 0.2588, 0.5216
CMYK	0.16, 0.00, 0.35, 0.26
HSL	88°, 34%, 61%
HSV	88°, 35%, 74%
XYZ	35.8110, 45.0694, 25.2242
YIQ	172.0930, 3.0310, -27.4090

Conversions

Conversions Part 2

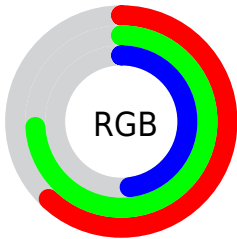
Format	Color
RYB	122, 189, 153
Decimal	10403194
CIELab	72.94, -22.22, 30.51
CIELCh	73, 37.743, 126.070
Yxy	45.0694, 0.3375, 0.4248
Android (android.graphics.Color)	4288593274 (0xFF9EBD7A)
YUV	172.0930, -24.6958, -12.3596
Hunter-Lab	67.1337, -22.2672, 24.7166

Details

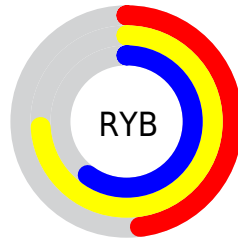
The XYZ color **35.8110, 45.0694, 25.2242** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.2835, 24.3668, 51.3064**, and the grayscale version is **39.3808, 41.4317, 45.1191**.

A 20% lighter version of the original color is **67.8308, 82.5461, 52.9154**, and **15.7996, 21.0795, 9.3669** is the 20% darker color. If you saturate the color by 10%, you get **33.0928, 43.7919, 19.5672**, and if you desaturate by 10%, it is **38.8818, 46.5051, 32.0884**.

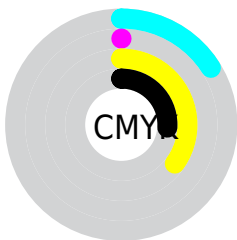
Distribution



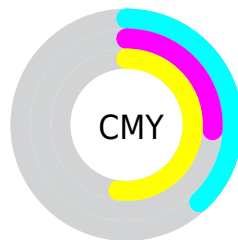
- Red (62%)
- Green (74%)
- Blue (48%)



- Red (48%)
- Yellow (74%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (35%)
- Black (26%)



- Cyan (38%)
- Magenta (26%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8110, 45.0694, 25.2242 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 35.8110, 45.0694, 25.2242 by changing the saturation by 10% instead.

■ 35.8110, 45.0694,
25.2242

■ 35.8110, 45.0694,
25.2242

319.5794,
367.0546, 292.4360

■ 24.4577, 31.5121,
16.0236

■ 68.0660, 82.8245,
52.9893

■ 15.8001, 20.9891,
9.3863

■ 89.6985, 107.7912,
72.3910

■ 9.4727, 13.1160,
4.8938

■ 115.4880,
137.3297, 96.0301

■ 5.1104, 7.5085,
2.1274

145.8000,
171.8245, 124.3251

■ 2.3476, 3.7821,
0.6320

180.9997,
211.6600, 157.6947

■ 0.8188, 1.5524,
0.0000

221.4526,

■ 0.0000, 0.3252,

257.2206, 196.5573

0.0000

267.5241,
308.8906, 241.3316

■ 0.0000, 0.0000,
0.0000

■ 35.8110, 45.0694,
25.2242

■ 35.8110, 45.0694,
25.2242

■ 33.0928, 43.7919,
19.5672

■ 38.8818, 46.5051,
32.0884

■ 30.7078, 42.6600,
15.0446

■ 42.3163, 48.0992,
40.2212

■ 28.6401, 41.6686,
11.5802


■ 46.1294, 49.8595,
49.6833

■ 26.8705, 40.8097,
9.0872


■ 50.3340, 51.7913,
60.5306


■ 25.3770, 40.0742,
7.4651


■ 54.9424, 53.8998,
72.8160


 24.1333, 39.4511,
6.5898

 59.9663, 56.1901,
86.5893

 23.6268, 39.1954,
6.3202

 65.4167, 58.6667,
101.8982

 68.2328, 60.1055,
102.6130

 71.0776, 61.5721,
102.7461

Harmonies

Analogous

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



41.5130, 45.0694, 21.1398



35.8110, 45.0694, 25.2242



32.2816, 45.0694, 35.7936

Triad

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



35.8110, 45.0694, 25.2242



37.9073, 45.0694, 90.2050



56.6908, 45.0694, 45.3398

Complementary

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



35.8110, 45.0694, 25.2242



29.2835, 24.3668, 51.3064

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.



55.4742, 45.0694, 65.2870



35.8110, 45.0694, 25.2242



44.1891, 45.0694, 94.6448

Square

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



35.8110, 45.0694, 25.2242



33.4024, 45.0694, 73.6493



50.7269, 45.0694, 84.5760



53.8996, 45.0694, 30.6803

Rectangle

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



35.8110, 45.0694, 25.2242



31.4135, 45.0694, 46.6313



50.7269, 45.0694, 84.5760



56.7405, 45.0694, 51.5983

Sweetspot

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



35.8121, 45.0714, 25.2252



78.6192, 87.4518, 78.9781



35.7534, 34.7307, 23.2323



16.7108, 18.7156, 16.5008



90.7827, 95.5105, 104.0109



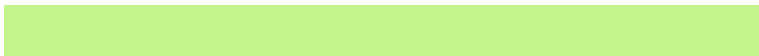
18.6292, 19.5994, 21.3438

Same Dimension

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



35.8121, 45.0714, 25.2252



60.0801, 78.8117, 36.6776



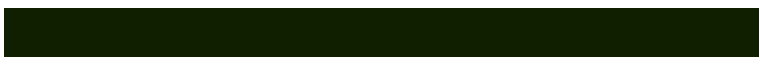
30.2205, 42.1888, 24.9635



9.8851, 10.8952, 10.1586



15.9850, 26.4165, 4.2564



0.7009, 1.0733, 0.1702

Inverse Universe

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



29.2835, 24.3668, 51.3064



46.5607, 35.9237, 90.7062



36.3113, 27.9897, 51.6353



9.4248, 9.4358, 11.9968



8.9398, 3.8947, 32.6735



0.4257, 0.1915, 1.2834

Previews

White Background



This preview shows how the XYZ color 35.8110, 45.0694, 25.2242 looks on a white background.

Color Contrast Check

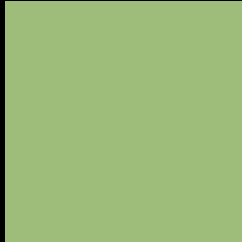
Large Text (above 18pt) WCAG AA × Fail

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 35.8110, 45.0694, 25.2242 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

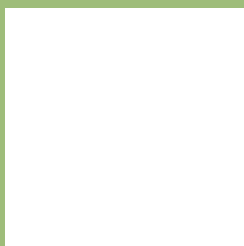
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8110, 45.0694, 25.2242

Background



This preview shows how black text looks on a background with the XYZ color 35.8110, 45.0694, 25.2242.



This preview shows how white text looks on a background with the XYZ color 35.8110, 45.0694,

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

35.8110, 45.0694, 25.2242

Protanopia

41.6382, 45.0175, 23.6342

Deuteranopia

45.7694, 44.7783, 25.9694



Tritanopia

42.2073, 44.8624, 57.4737

Trichromacy



Original Color

35.8110, 45.0694, 25.2242

Protanomaly

39.3193, 45.0226, 24.0707

Deuteranomaly

41.6144, 44.6589, 25.8288

Tritanomaly

39.3112, 44.5866, 43.5799

Monochromacy



Original Color

35.8110, 45.0694, 25.2242

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.6895, 42.3894, 36.7674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8110, 45.0694, 25.2242 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(158, 189, 122)` looks like.

```
.text, #text, p{  
    color:rgb(158, 189, 122)  
}
```

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(158, 189, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 189, 122) }
```

Border

The CSS property to change the border of an element to XYZ 35.8110, 45.0694, 25.2242 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(158, 189, 122) }
```


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

```
.border{ border-color:rgb(158, 189, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 189, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 189, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 189, 122);  
box-shadow:4px 4px 4px 4px rgb(158, 189,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8110, 45.0694, 25.2242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 189, 122) }
```

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

```
.background{ background-color: rgb(158,  
189, 122) }
```

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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