

Converting Colors

XYZ(45.2226, 45.4407, 38.4216)

Have a look what the booklet for
XYZ(45.2226, 45.4407, 38.4216)
contains.

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Color

**XYZ(45.2352, 45.3736,
38.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AF9D
RGB	200, 175, 157
RGB Percent	78%, 69%, 62%
CMY	0.2157, 0.3137, 0.3843
CMYK	0.00, 0.12, 0.21, 0.22
HSL	25°, 28%, 70%
HSV	25°, 21%, 78%
XYZ	45.2352, 45.3736, 38.2721
YIQ	180.4230, 20.6780, -0.2980

Conversions

Conversions Part 2

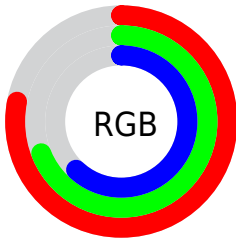
Format	Color
RYB	200, 188, 157
Decimal	13152157
CIELab	73.14, 6.16, 12.54
CIElCh	73, 13.971, 63.822
Yxy	45.3736, 0.3510, 0.3521
Android (android.graphics.Color)	4291342237 (0xFFC8AF9D)
YUV	180.4230, -11.5475, 17.1690
Hunter-Lab	67.3599, 1.9908, 13.4650

Details

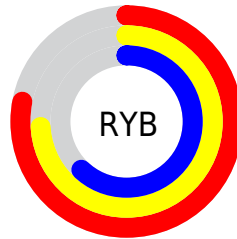
The XYZ color **45.2352, 45.3736, 38.2721** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0576, 44.7931, 61.1259**, and the grayscale version is **43.6632, 45.9370, 50.0254**.

A 20% lighter version of the original color is **81.6996, 83.1653, 74.0338**, and **21.5385, 21.3175, 16.6152** is the 20% darker color. If you saturate the color by 10%, you get **41.4996, 40.4147, 29.2809**, and if you desaturate by 10%, it is **49.4477, 50.8381, 48.8023**.

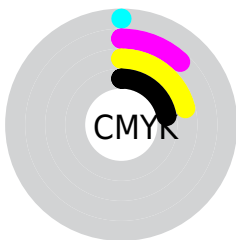
Distribution



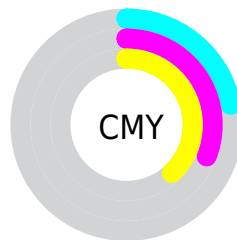
- Red (78%)
- Green (69%)
- Blue (62%)



- Red (78%)
- Yellow (74%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (22%)





- Cyan (22%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.2352, 45.3736, 38.2721 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 45.2352, 45.3736, 38.2721 by changing the saturation by 10% instead.


 45.2352, 45.3736,
38.2721

 45.2352, 45.3736,
38.2721


358.4930,
368.2845, 354.1189

 31.8448, 31.7518,
25.8905


 82.3081, 83.2808,
73.7330

 21.3979, 21.1720,
16.5167


 106.7214,
108.3349, 97.6495

 13.5293, 13.2498,
9.7322


135.5396,
137.9686, 126.2479

 7.8735, 7.6008,
5.1185

169.1282,
172.5663, 159.9468

 4.0653, 3.8406,
2.2570

207.8524,
212.5123, 199.1649

 1.7391, 1.5848,
0.7070

252.0778,

 0.4806, 0.3473,

258.1911, 244.3205

0.0000

302.1695,
309.9871, 295.8324

■ 0.0000, 0.0000,
0.0000

■ 45.2352, 45.3736,
38.2721

■ 45.2352, 45.3736,
38.2721

■ 41.4996, 40.4147,
29.2809

■ 49.4477, 50.8381,
48.8023

■ 38.2187, 35.9401,
21.7528

■ 54.1507, 56.8166,
60.9368

■ 35.3739, 31.9357,
15.6093

■ 59.3620, 63.3249,
74.7409

■ 32.9438, 28.3845,
10.7638

■ 65.0970, 70.3763,
90.2750

■ 30.9048, 25.2681,
7.1194

■ 71.0469, 77.8541,
105.8905

■ 29.2304, 22.5668,
4.5656

■ 74.4500, 84.6602,
107.0249

■ 27.8899, 20.2582,
2.9706

■ 77.6296, 91.0194,
108.0847

■ 26.9697, 18.5797,
2.1648

Harmonies

Analogous

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



47.1540, 45.3736, 42.2775



45.2352, 45.3736, 38.2721



42.8134, 45.3736, 37.1430

Triad

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



45.2352, 45.3736, 38.2721



38.6003, 45.3736, 50.3078



45.7983, 45.3736, 61.4643

Complementary

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



45.2352, 45.3736, 38.2721



41.0576, 44.7931, 61.1259

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.



43.4406, 45.3736, 64.1042



45.2352, 45.3736, 38.2721



39.3347, 45.3736, 57.2897

Square

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



45.2352, 45.3736, 38.2721



39.0405, 45.3736, 43.6953



41.0839, 45.3736, 62.5091



47.4876, 45.3736, 55.5897

Rectangle

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



45.2352, 45.3736, 38.2721



41.2538, 45.3736, 38.0750



41.0839, 45.3736, 62.5091



45.0545, 45.3736, 62.7834

Sweetspot

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



45.2364, 45.3757, 38.2730



89.9117, 93.5095, 95.5149



44.3290, 39.7747, 49.6425



19.1292, 19.8680, 20.1459



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.



45.2364, 45.3757, 38.2730



75.0665, 74.2686, 58.3524



49.7397, 54.3822, 39.7741



10.9927, 11.3545, 11.1750



17.2324, 11.9820, 1.4045



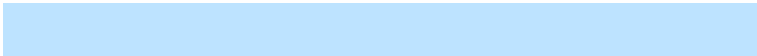
0.8872, 0.7099, 0.0903

Inverse Universe

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



41.0576, 44.7931, 61.1259



66.4968, 73.0704, 105.2070



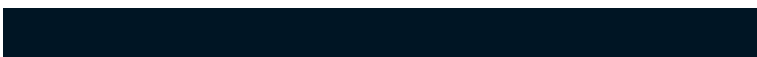
37.0027, 36.6832, 59.7743



10.5602, 11.2945, 13.5410



10.7092, 10.8124, 36.2669



0.5775, 0.6528, 1.7407

Previews

White Background



This preview shows how the XYZ color 45.2352, 45.3736, 38.2721 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 45.2352, 45.3736, 38.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

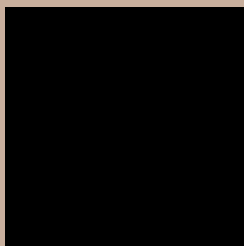
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

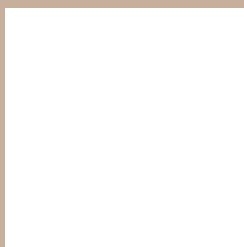
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.2352, 45.3736, 38.2721

Background



This preview shows how black text looks on a background with the XYZ color 45.2352, 45.3736, 38.2721.



This preview shows how white text looks on a background with the XYZ color 45.2352, 45.3736,

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

45.2352, 45.3736, 38.2721

Protanopia

43.1171, 45.4348, 39.2982

Deuteranopia

46.2062, 45.3006, 38.2068



Tritanopia

47.8432, 45.2830, 51.5663

Trichromacy



Original Color

45.2352, 45.3736, 38.2721

Protanomaly

43.8302, 45.5159, 38.8231

Deuteranomaly

45.8505, 45.4029, 38.2454

Tritanomaly

46.7496, 45.1176, 46.2890

Monochromacy



Original Color

45.2352, 45.3736, 38.2721

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.8603, 45.3841, 45.4781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2352, 45.3736, 38.2721 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(200, 175, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 175, 157)  
}
```

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(200, 175, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 157) }
```

Border

The CSS property to change the border of an element to XYZ 45.2352, 45.3736, 38.2721 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(200, 175, 157) }
```


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

```
.border{ border-color:rgb(200, 175, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 175, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2352, 45.3736, 38.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 157) }
```

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

```
.background{ background-color: rgb(200,  
175, 157) }
```

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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