

Converting Colors

XYZ(40.5149, 47.1771, 35.4350)

Have a look what the booklet for
XYZ(40.5149, 47.1771, 35.4350)
contains.

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Color

**XYZ(40.6357, 47.3358,
35.4288)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBD95
RGB	172, 189, 149
RGB Percent	67%, 74%, 58%
CMY	0.3255, 0.2588, 0.4157
CMYK	0.09, 0.00, 0.21, 0.26
HSL	86°, 23%, 66%
HSV	86°, 21%, 74%
XYZ	40.6357, 47.3358, 35.4288
YIQ	179.3570, 2.7080, -16.0440

Conversions

Conversions Part 2

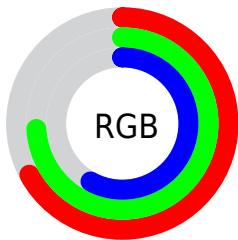
Format	Color
RYB	149, 189, 166
Decimal	11320725
CIELab	74.40, -13.00, 18.31
CIELCh	74, 22.456, 125.385
Yxy	47.3358, 0.3293, 0.3836
Android (android.graphics.Color)	4289510805 (0xFFACBD95)
YUV	179.3570, -14.9660, -6.4521
Hunter-Lab	68.8010, -14.9750, 17.6296

Details

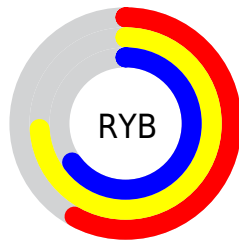
The XYZ color **40.6357, 47.3358, 35.4288** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.6606, 33.2773, 52.6903**, and the grayscale version is **43.1157, 45.3611, 49.3982**.

A 20% lighter version of the original color is **75.4268, 86.1106, 69.1455**, and **18.6165, 22.4121, 14.9000** is the 20% darker color. If you saturate the color by 10%, you get **37.5376, 45.9006, 28.0360**, and if you desaturate by 10%, it is **44.0878, 48.9281, 44.1184**.

Distribution



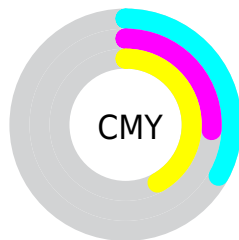
- Red (67%)
- Green (74%)
- Blue (58%)



- Red (58%)
- Yellow (74%)
- Blue (65%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6357, 47.3358, 35.4288 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 40.6357, 47.3358, 35.4288 by changing the saturation by 10% instead.

■ 40.6357, 47.3358,
35.4288

■ 40.6357, 47.3358,
35.4288

339.8844,
376.1533, 341.4186

■ 28.2210, 33.3012,
23.7072

■ 75.4088, 86.2147,
69.3086

■ 18.6336, 22.3573,
14.9064

■ 98.4978, 111.8277,
92.3039

■ 11.5083, 14.1197,
8.6078

125.8756,
142.0690, 119.8941

■ 6.4796, 8.2039,
4.3930

157.9076,
177.3230, 152.4978

■ 3.1822, 4.2257,
1.8433

194.9592,
217.9740, 190.5336

■ 1.2509, 1.8006,
0.4563

237.3956,

■ 0.1460, 0.4876,

264.4064, 234.4200

0.0000

285.5822,
317.0048, 284.5754

0.0000, 0.0000,
0.0000

40.6357, 47.3358,
35.4288

40.6357, 47.3358,
35.4288

37.5376, 45.9006,
28.0360

44.0878, 48.9281,
44.1184

34.7762, 44.6105,
21.8748

47.9030, 50.6766,
54.1598

32.3380, 43.4616,
16.8787

52.0947, 52.5885,
65.6085

30.2070, 42.4472,
12.9741

56.6744, 54.6684,
78.5159

28.3656, 41.5601,
10.0787

61.6530, 56.9211,
92.9310

■ 26.7938, 40.7921,
8.0986

■ 65.8256, 58.8647,
102.5004

■ 25.4684, 40.1335,
6.9222

■ 68.3191, 60.1501,
102.6171

■ 24.4641, 39.6272,
6.3594

■ 70.9311, 61.4966,
102.7393

■ 73.6631, 62.9050,
102.8672

Harmonies

Analogous

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



44.2652, 47.3358, 32.3915



40.6357, 47.3358, 35.4288



38.2838, 47.3358, 42.8078

Triad

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



40.6357, 47.3358, 35.4288



41.8286, 47.3358, 74.5613



53.1880, 47.3358, 49.4781

Complementary

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



40.6357, 47.3358, 35.4288



35.6606, 33.2773, 52.6903

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.



52.4397, 47.3358, 61.3871



40.6357, 47.3358, 35.4288



45.7252, 47.3358, 77.0520

Square

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



40.6357, 47.3358, 35.4288



38.9431, 47.3358, 65.5464



49.6474, 47.3358, 71.9189



51.6353, 47.3358, 39.6872

Rectangle

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



40.6357, 47.3358, 35.4288



37.6750, 47.3358, 49.7691



49.6474, 47.3358, 71.9189



53.1982, 47.3358, 53.3538

Sweetspot

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



40.6369, 47.3379, 35.4298



82.3377, 89.1770, 87.8186



39.9886, 40.1418, 34.0750



17.6110, 19.1334, 18.6344



90.7827, 95.5105, 104.0109



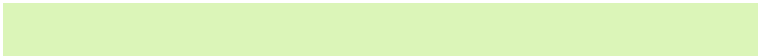
18.6292, 19.5994, 21.3438

Same Dimension

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



40.6369, 47.3379, 35.4298



70.3509, 83.6547, 57.5670



36.6353, 45.2749, 35.2425



9.9198, 10.9130, 10.1602



16.5482, 26.7068, 4.2827



0.7215, 1.0839, 0.1712

Inverse Universe

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



35.6606, 33.2773, 52.6903



59.9770, 54.3404, 93.5538



40.1034, 35.5677, 52.8983



9.3906, 9.4182, 11.9952



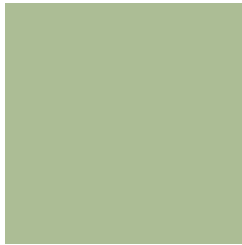
8.5088, 3.6725, 32.6533



0.4082, 0.1825, 1.2826

Previews

White Background



This preview shows how the XYZ color 40.6357, 47.3358, 35.4288 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 40.6357, 47.3358, 35.4288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

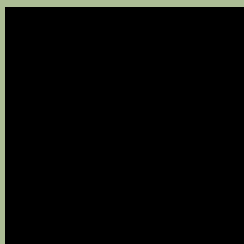
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

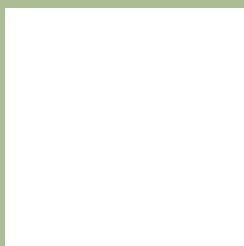
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6357, 47.3358, 35.4288

Background



This preview shows how black text looks on a background with the XYZ color 40.6357, 47.3358, 35.4288.



This preview shows how white text looks on a background with the XYZ color 40.6357, 47.3358,

35.4288.

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

40.6357, 47.3358, 35.4288

Protanopia

44.1644, 47.0006, 33.9384

Deuteranopia

48.0568, 47.1666, 36.2770



Tritanopia

45.3964, 47.0708, 59.5163

Trichromacy



Original Color

40.6357, 47.3358, 35.4288

Protanomaly

42.8651, 47.2436, 34.4635

Deuteranomaly

45.1357, 47.1524, 36.0006

Tritanomaly

43.4917, 47.2233, 50.0028

Monochromacy



Original Color

40.6357, 47.3358, 35.4288

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.9059, 45.9242, 43.7014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6357, 47.3358, 35.4288 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(172, 189, 149)` looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 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(172, 189, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 149) }
```

Border

The CSS property to change the border of an element to XYZ 40.6357, 47.3358, 35.4288 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(172, 189, 149) }
```


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

```
.border{ border-color:rgb(172, 189, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 189, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 149);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6357, 47.3358, 35.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 189, 149) }
```

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

```
.background{ background-color: rgb(172,  
189, 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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