

Converting Colors

XYZ(40.7401, 45.3406, 34.6219)

Have a look what the booklet for
XYZ(40.7401, 45.3406, 34.6219)
contains.

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Color

**XYZ(40.6637, 45.1777,
34.5939)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B694
RGB	179, 182, 148
RGB Percent	70%, 71%, 58%
CMY	0.2980, 0.2863, 0.4196
CMYK	0.02, 0.00, 0.19, 0.29
HSL	65°, 19%, 65%
HSV	65°, 19%, 71%
XYZ	40.6637, 45.1777, 34.5939
YIQ	177.2270, 9.1260, -11.2100

Conversions

Conversions Part 2

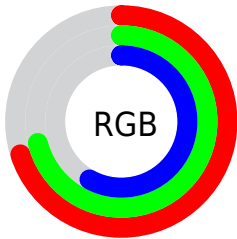
Format	Color
RYB	148, 182, 151
Decimal	11777684
CIELab	73.01, -6.90, 16.99
CIELCh	73, 18.340, 112.110
Yxy	45.1777, 0.3376, 0.3751
Android (android.graphics.Color)	4289967764 (0xFFB3B694)
YUV	177.2270, -14.4089, 1.5549
Hunter-Lab	67.2144, -9.6352, 16.5347

Details

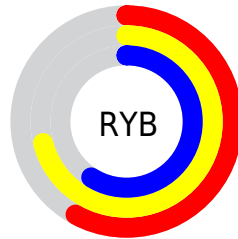
The XYZ color **40.6637, 45.1777, 34.5939** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.7975, 31.1376, 48.5926**, and the grayscale version is **41.9803, 44.1665, 48.0974**.

A 20% lighter version of the original color is **75.4962, 83.0755, 67.9332**, and **18.6121, 20.9992, 14.3815** is the 20% darker color. If you saturate the color by 10%, you get **38.9660, 44.4574, 27.5766**, and if you desaturate by 10%, it is **42.5947, 45.9948, 42.8065**.

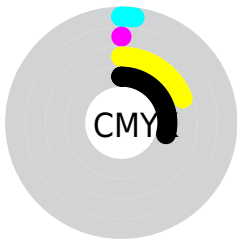
Distribution



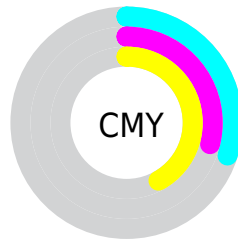
- Red (70%)
- Green (71%)
- Blue (58%)



- Red (58%)
- Yellow (71%)
- Blue (59%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6637, 45.1777, 34.5939 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 40.6637, 45.1777, 34.5939 by changing the saturation by 10% instead.

■ 40.6637, 45.1777,
34.5939

■ 40.6637, 45.1777,
34.5939

339.9997,
367.4928, 337.6218

■ 28.2429, 31.5974,
23.0692

■ 75.4511, 82.9870,
68.0006

■ 18.6502, 21.0542,
14.4388

■ 98.5483, 107.9848,
90.7196

■ 11.5203, 13.1636,
8.2843

125.9351,
137.5573, 118.0072

■ 6.4878, 7.5413,
4.1870

157.9768,
172.0887, 150.2818

■ 3.1874, 3.8029,
1.7285

195.0388,
211.9636, 187.9621

■ 1.2536, 1.5639,
0.3801

237.4864,

■ 0.1481, 0.3331,

257.5663, 231.4665

0.0000

285.6849,
309.2812, 281.2135

■ 0.0000, 0.0000,
0.0000

■ 40.6637, 45.1777,
34.5939

■ 40.6637, 45.1777,
34.5939

■ 38.9660, 44.4574,
27.5766

■ 42.5947, 45.9948,
42.8065

■ 37.4874, 43.8238,
21.6959

■ 44.7654, 46.9067,
52.2634

■ 36.2177, 43.2743,
16.8930

■ 47.1861, 47.9192,
63.0144

■ 35.1444, 42.8038,
13.1022

■ 49.8657, 49.0357,
75.1059

■ 34.2538, 42.4069,
10.2508

■ 52.8125, 50.2597,
88.5818

■ 33.5302, 42.0772,
8.2565

■ 55.6776, 51.4514,
101.6043

■ 32.9552, 41.8075,
7.0228

■ 56.0777, 51.6577,
101.6231

■ 32.4972, 41.5851,
6.3828

■ 56.4822, 51.8662,
101.6420

■ 32.4396, 41.5569,
6.3115

■ 56.8911, 52.0770,
101.6611

Harmonies

Analogous

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



43.7909, 45.1777, 33.7080



40.6637, 45.1777, 34.5939



38.2612, 45.1777, 39.1351

Triad

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



40.6637, 45.1777, 34.5939



39.2681, 45.1777, 64.4631



49.3332, 45.1777, 51.6517

Complementary

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



40.6637, 45.1777, 34.5939



31.7975, 31.1376, 48.5926

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.



47.9856, 45.1777, 60.8365



40.6637, 45.1777, 34.5939



42.1003, 45.1777, 68.8096

Square

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



40.6637, 45.1777, 34.5939



37.4838, 45.1777, 56.1319



45.2998, 45.1777, 67.4059



48.9016, 45.1777, 42.8469

Rectangle

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



40.6637, 45.1777, 34.5939



37.3423, 45.1777, 43.9696



45.2998, 45.1777, 67.4059



49.0710, 45.1777, 54.8098

Sweetspot

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



40.6649, 45.1797, 34.5949



78.1929, 83.7933, 81.8087



35.6779, 34.1639, 32.7315



17.2158, 18.4844, 17.8327



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.6649, 45.1797, 34.5949



72.5370, 81.4037, 57.7756



37.0090, 43.2950, 34.4238



9.6699, 10.4620, 9.6166



22.9359, 29.3602, 4.4582



0.8316, 1.0469, 0.1582

Inverse Universe

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



31.7975, 31.1376, 48.5926



53.7839, 51.7053, 87.3811



35.1478, 32.8647, 48.7494



8.5927, 8.7564, 11.3167



6.1398, 2.4764, 31.4075



0.2412, 0.1001, 1.1083

Previews

White Background



This preview shows how the XYZ color 40.6637, 45.1777, 34.5939 looks on a white background.

Color Contrast Check

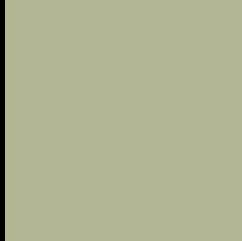
Large Text (above 18pt) WCAG AA × Fail

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 40.6637, 45.1777, 34.5939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

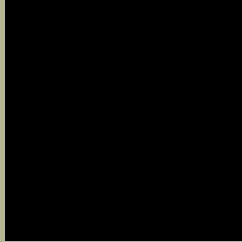
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

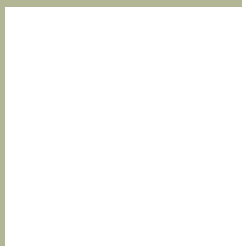
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6637, 45.1777, 34.5939

Background



This preview shows how black text looks on a background with the XYZ color 40.6637, 45.1777, 34.5939.



This preview shows how white text looks on a background with the XYZ color 40.6637, 45.1777,

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

40.6637, 45.1777, 34.5939

Protanopia

42.5436, 45.2627, 33.6884

Deuteranopia

45.9897, 44.9725, 35.1108



Tritanopia

44.8272, 45.0827, 55.0544

Trichromacy



Original Color

40.6637, 45.1777, 34.5939

Protanomaly

41.8374, 45.1882, 34.1209

Deuteranomaly

43.9761, 45.0909, 34.8194

Tritanomaly

43.1867, 45.0032, 46.9677

Monochromacy



Original Color

40.6637, 45.1777, 34.5939

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3631, 44.4584, 42.4776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6637, 45.1777, 34.5939 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(179, 182, 148)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 148)  
}
```

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(179, 182, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 148) }
```

Border

The CSS property to change the border of an element to XYZ 40.6637, 45.1777, 34.5939 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(179, 182, 148) }
```


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

```
.border{ border-color:rgb(179, 182, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 182, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 148);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6637, 45.1777, 34.5939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 148) }
```

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

```
.background{ background-color: rgb(179,  
182, 148) }
```

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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