

Converting Colors

XYZ(39.6715, 45.7479, 27.5082)

Have a look what the booklet for
XYZ(39.6715, 45.7479, 27.5082)
contains.

XYZ(39.6715, 45.7479, 27.5082)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.6715, 45.7479,
27.5082)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B981
RGB	178, 185, 129
RGB Percent	70%, 73%, 51%
CMY	0.3020, 0.2745, 0.4941
CMYK	0.04, 0.00, 0.30, 0.27
HSL	68°, 29%, 62%
HSV	68°, 30%, 73%
XYZ	39.6715, 45.7479, 27.5082
YIQ	176.5230, 13.8040, -18.9000

Conversions

Conversions Part 2

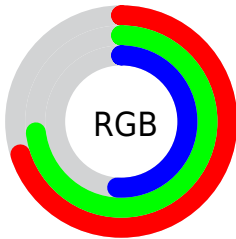
Format	Color
RYB	129, 185, 136
Decimal	11712897
CIELab	73.38, -11.60, 27.67
CIElCh	73, 30.005, 112.743
Yxy	45.7479, 0.3513, 0.4051
Android (android.graphics.Color)	4289902977 (0xFFB2B981)
YUV	176.5230, -23.4288, 1.2953
Hunter-Lab	67.6372, -13.6688, 23.2327

Details

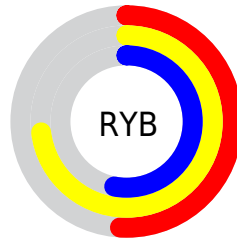
The XYZ color **39.6715, 45.7479, 27.5082** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.7624, 24.4388, 49.2082**, and the grayscale version is **41.6546, 43.8239, 47.7243**.

A 20% lighter version of the original color is **73.8305, 83.7804, 56.5359**, and **18.1200, 21.4270, 10.5779** is the 20% darker color. If you saturate the color by 10%, you get **38.0254, 45.0302, 21.5829**, and if you desaturate by 10%, it is **41.5515, 46.5634, 34.6085**.

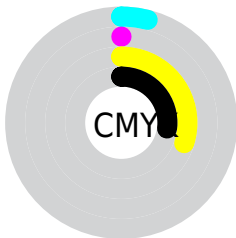
Distribution



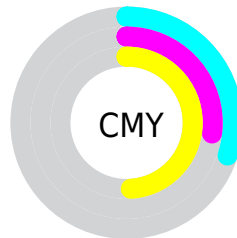
- Red (70%)
- Green (73%)
- Blue (51%)



- Red (51%)
- Yellow (73%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)



- Cyan (30%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6715, 45.7479, 27.5082 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 39.6715, 45.7479, 27.5082 by changing the saturation by 10% instead.

■ 39.6715, 45.7479,
27.5082

■ 39.6715, 45.7479,
27.5082

335.8953,
369.7942, 303.9470

■ 27.4656, 32.0469,
17.7195

■ 73.9506, 83.8416,
56.7119

■ 18.0616, 21.3973,
10.5814

■ 96.7544, 109.0031,
76.9640

■ 11.0942, 13.4148,
5.6755

■ 123.8216,
138.7536, 101.5409

■ 6.1980, 7.7148,
2.5832

155.5175,
173.4774, 130.8612

■ 3.0076, 3.9130,
0.8838

192.2074,
213.5590, 165.3434

■ 1.1578, 1.6250,
0.0000

234.2568,

■ 0.0727, 0.3744,

259.3827, 205.4061

0.0000

282.0310,
311.3330, 251.4678

■ 0.0000, 0.0000,
0.0000

■ 39.6715, 45.7479,
27.5082

■ 39.6715, 45.7479,
27.5082

■ 38.0254, 45.0302,
21.5829

■ 41.5515, 46.5634,
34.6085

■ 36.5978, 44.3994,
16.7664

■ 43.6732, 47.4749,
42.9395

■ 35.3765, 43.8521,
12.9904


■ 46.0482, 48.4888,
52.5568

■ 34.3469, 43.3825,
10.1778


■ 48.6861, 49.6090,
63.5117


■ 33.4923, 42.9839,
8.2408

■ 51.5964, 50.8392,
75.8529


 32.7930, 42.6485,
7.0758

 54.7877, 52.1828,
89.6264

 32.2229, 42.3672,
6.4794

 57.6989, 53.4155,
101.8769

 58.2983, 53.7244,
101.9049

 58.9070, 54.0382,
101.9334

Harmonies

Analogous

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



44.7780, 45.7479, 26.1648



39.6715, 45.7479, 27.5082



35.8868, 45.7479, 34.1920

Triad

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



39.6715, 45.7479, 27.5082



37.6170, 45.7479, 76.7439



54.3586, 45.7479, 53.5783

Complementary

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



39.6715, 45.7479, 27.5082



26.7624, 24.4388, 49.2082

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.



52.0797, 45.7479, 69.5838



39.6715, 45.7479, 27.5082



42.2112, 45.7479, 84.6078

Square

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



39.6715, 45.7479, 27.5082



34.7694, 45.7479, 61.9279



47.5290, 45.7479, 81.7519



53.5406, 45.7479, 39.3888

Rectangle

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



39.6715, 45.7479, 27.5082



34.4837, 45.7479, 41.6691



47.5290, 45.7479, 81.7519



53.9235, 45.7479, 58.9514

Sweetspot

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



39.6727, 45.7499, 27.5092



78.6690, 85.2171, 78.7191



32.7102, 29.3777, 24.7160



16.8333, 18.3171, 16.4664



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.



39.6727, 45.7499, 27.5092



69.1388, 81.0998, 42.3238



33.9768, 42.8136, 27.2426



9.6367, 10.4449, 9.6151



21.9818, 28.8683, 4.4136



0.8061, 1.0338, 0.1571

Inverse Universe

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



26.7624, 24.4388, 49.2082



42.4931, 37.1036, 87.1267



31.8224, 27.0473, 49.4450



8.6227, 8.7719, 11.3181



6.2402, 2.5282, 31.4122



0.2541, 0.1067, 1.1090

Previews

White Background



This preview shows how the XYZ color 39.6715, 45.7479, 27.5082 looks on a white background.

Color Contrast Check

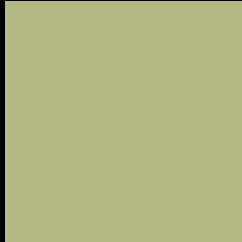
Large Text (above 18pt) WCAG AA × Fail

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 39.6715, 45.7479, 27.5082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

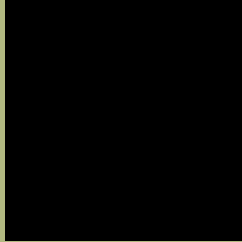
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6715, 45.7479, 27.5082

Background



This preview shows how black text looks on a background with the XYZ color 39.6715, 45.7479, 27.5082.



This preview shows how white text looks on a background with the XYZ color 39.6715, 45.7479,

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

39.6715, 45.7479, 27.5082

Protanopia

42.4002, 45.6442, 26.6541

Deuteranopia

46.5490, 45.6992, 28.1972



Tritanopia

45.3758, 45.6450, 55.7090

Trichromacy



Original Color

39.6715, 45.7479, 27.5082

Protanomaly

41.3633, 45.7058, 27.0641

Deuteranomaly

43.6383, 45.3623, 27.9286

Tritanomaly

42.9176, 45.5369, 43.5733

Monochromacy



Original Color

39.6715, 45.7479, 27.5082

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.7979, 44.5277, 39.7021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6715, 45.7479, 27.5082 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(178, 185, 129)` looks like.

```
.text, #text, p{  
    color:rgb(178, 185, 129)  
}
```

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(178, 185, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 185, 129) }
```

Border

The CSS property to change the border of an element to XYZ 39.6715, 45.7479, 27.5082 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(178, 185, 129) }
```


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

```
.border{ border-color:rgb(178, 185, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 185, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 185, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 185, 129);  
box-shadow:4px 4px 4px 4px rgb(178, 185,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6715, 45.7479, 27.5082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 185, 129) }
```

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

```
.background{ background-color: rgb(178,  
185, 129) }
```

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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