

Converting Colors

XYZ(39.8025, 45.7426, 47.0743)

Have a look what the booklet for
XYZ(39.8025, 45.7426, 47.0743)
contains.

XYZ(39.7940, 45.6865, 47.2785)	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(39.7940, 45.6865,
47.2785)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BAAF
RGB	160, 186, 175
RGB Percent	63%, 73%, 69%
CMY	0.3725, 0.2706, 0.3137
CMYK	0.14, 0.00, 0.06, 0.27
HSL	155°, 16%, 68%
HSV	155°, 14%, 73%
XYZ	39.7940, 45.6865, 47.2785
YIQ	176.9720, -11.9650, -8.9330

Conversions

Conversions Part 2

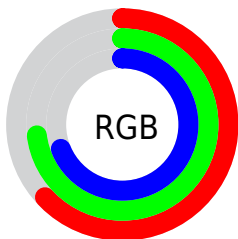
Format	Color
RYB	160, 176, 186
Decimal	10533551
CIELab	73.34, -11.04, 2.59
CIELCh	73, 11.343, 166.806
Yxy	45.6865, 0.2997, 0.3441
Android (android.graphics.Color)	4288723631 (0xFFA0BAAF)
YUV	176.9720, -0.9722, -14.8844
Hunter-Lab	67.5918, -13.1955, 5.8426

Details

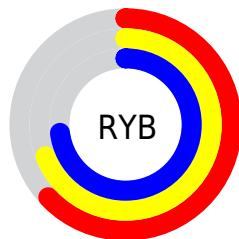
The XYZ color **39.7940, 45.6865, 47.2785** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1728, 38.5222, 43.8483**, and the grayscale version is **41.7857, 43.9618, 47.8744**.

A 20% lighter version of the original color is **74.0594, 83.6645, 87.1084**, and **18.1470, 21.3933, 21.9118** is the 20% darker color. If you saturate the color by 10%, you get **35.5998, 43.6123, 43.1645**, and if you desaturate by 10%, it is **44.5922, 48.0694, 51.6580**.

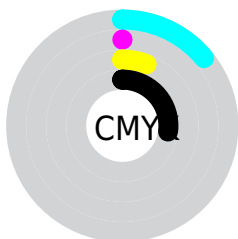
Distribution



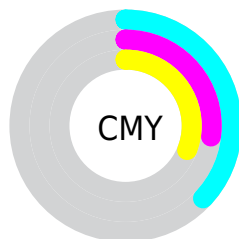
- Red (63%)
- Green (73%)
- Blue (69%)



- Red (63%)
- Yellow (69%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (37%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7940, 45.6865, 47.2785 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 39.7940, 45.6865, 47.2785 by changing the saturation by 10% instead.

■ 39.7940, 45.6865,
47.2785

■ 39.7940, 45.6865,
47.2785

336.4039,
369.5468, 392.3510

■ 27.5615, 31.9985,
32.9000

■ 74.1361, 83.7496,
87.4835

■ 18.1341, 21.3604,
21.7793

■ 96.9763, 108.8935,
114.1471

■ 11.1466, 13.3877,
13.4981

124.0831,
138.6249, 145.7427

■ 6.2335, 7.6960,
7.6377

155.8219,
173.3280, 182.6890

■ 3.0296, 3.9011,
3.7796

192.5580,
213.3874, 225.4044

■ 1.1694, 1.6184,
1.5052

234.6568,

■ 0.0820, 0.3699,

259.1874, 274.3075

0.2218

282.4837,
311.1124, 329.8168

■ 0.0000, 0.0000,
0.0000

■ 39.7940, 45.6865,
47.2785

■ 39.7940, 45.6865,
47.2785

■ 35.5998, 43.6123,
43.1645

■ 44.5922, 48.0694,
51.6580

■ 31.9803, 41.8280,
39.3076

■ 50.0144, 50.7674,
56.3048

■ 28.9096, 40.3216,
35.7037

■ 56.0843, 53.7939,
61.2248

■ 26.3582, 39.0779,
32.3470

■ 62.8234, 57.1600,
66.4227

■ 24.2935, 38.0804,
29.2319

■ 70.2519, 60.8759,
71.9031

■ 22.6793, 37.3103,
26.3521

■ 72.0146, 61.6654,
77.3720

■ 21.4739, 36.7463,
23.7011

■ 73.0960, 62.0980,
83.0662

■ 20.6271, 36.3627,
21.2718

■ 74.2272, 62.5505,
89.0234

■ 20.2293, 36.1873,
19.9113

■ 75.4091, 63.0232,
95.2468

Harmonies

Analogous

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



40.6859, 45.6865, 42.5959



39.7940, 45.6865, 47.2785



39.8531, 45.6865, 52.9902

Triad

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



39.7940, 45.6865, 47.2785



44.5425, 45.6865, 61.0235



46.1033, 45.6865, 42.1558

Complementary

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



39.7940, 45.6865, 47.2785



40.1728, 38.5222, 43.8483

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.



47.2014, 45.6865, 46.6347



39.7940, 45.6865, 47.2785



46.2815, 45.6865, 57.6520

Square

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



39.7940, 45.6865, 47.2785



42.5537, 45.6865, 61.2291



47.2676, 45.6865, 52.2955



44.3054, 45.6865, 39.7946

Rectangle

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



39.7940, 45.6865, 47.2785



40.4233, 45.6865, 56.6231



47.2676, 45.6865, 52.2955



46.5689, 45.6865, 43.4474

Sweetspot

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



39.7953, 45.6884, 47.2795



80.7420, 87.0847, 93.5578



40.7584, 46.3458, 40.0559



17.6272, 19.1012, 20.4669



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.



39.7953, 45.6884, 47.2795



69.4988, 81.5067, 83.1779



40.5576, 45.4125, 53.0844



9.1016, 10.1446, 10.6926



13.6471, 24.3598, 13.5957



0.5113, 0.8708, 0.6385

Inverse Universe

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



40.1728, 38.5222, 43.8483



70.3258, 65.8141, 75.6654



39.4697, 38.7252, 38.6529



9.1581, 9.0736, 10.1797



14.6014, 7.4143, 5.7878



0.5458, 0.2738, 0.3677

Previews

White Background



This preview shows how the XYZ color 39.7940, 45.6865, 47.2785 looks on a white background.

Color Contrast Check

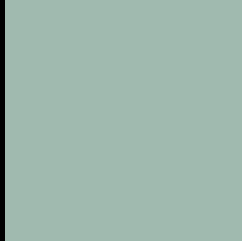
Large Text (above 18pt) WCAG AA × Fail

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 39.7940, 45.6865, 47.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

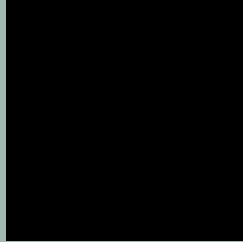
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7940, 45.6865, 47.2785

Background



This preview shows how black text looks on a background with the XYZ color 39.7940, 45.6865, 47.2785.



This preview shows how white text looks on a background with the XYZ color 39.7940, 45.6865,

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

39.7940, 45.6865, 47.2785

Protanopia

43.4784, 45.4948, 45.0179

Deuteranopia

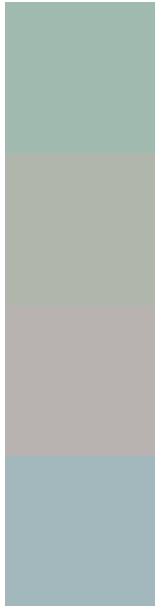
46.3606, 45.4522, 47.9247



Tritanopia

42.3214, 45.7907, 59.4312

Trichromacy



Original Color

39.7940, 45.6865, 47.2785

Protanomaly

42.0788, 45.6646, 45.6261

Deuteranomaly

43.5240, 45.1657, 47.4982

Tritanomaly

41.4301, 45.7416, 54.7895

Monochromacy



Original Color

39.7940, 45.6865, 47.2785

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.9523, 44.4350, 47.4927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7940, 45.6865, 47.2785 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(160, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(160, 186, 175)  
}
```

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(160, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 186, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.7940, 45.6865, 47.2785 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(160, 186, 175) }
```


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

```
.border{ border-color:rgb(160, 186, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 186, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(160, 186,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7940, 45.6865, 47.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 186, 175) }
```

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

```
.background{ background-color: rgb(160,  
186, 175) }
```

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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