

Converting Colors

XYZ(32.7845, 39.7531, 41.5395)

Have a look what the booklet for
XYZ(32.7845, 39.7531, 41.5395)
contains.

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Color

**XYZ(32.7036, 39.7083,
41.5381)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 87B2A5 |
| RGB | 135, 178, 165 |
| RGB Percent | 53%, 70%, 65% |
| CMY | 0.4706, 0.3019, 0.3529 |
| CMYK | 0.24, 0.00, 0.07, 0.30 |
| HSL | 162°, 22%, 61% |
| HSV | 162°, 24%, 70% |
| XYZ | 32.7036, 39.7083, 41.5381 |
| YIQ | 163.6610, -21.4550, -13.1590 |

Conversions

Conversions Part 2

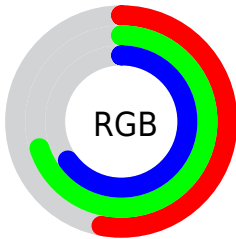
| Format | Color |
|-------------------------------------|--|
| RYB | 135, 160, 178 |
| Decimal | 8893093 |
| CIELab | 69.26, -17.14, 1.95 |
| CIELCh | 69, 17.250, 173.510 |
| Yxy | 39.7083, 0.2870, 0.3485 |
| Android (android.graphics.Color) | 4287083173 (0xFF87B2A5) |
| YUV | 163.6610, 0.6601, -25.1357 |
| Hunter-Lab | 63.0145, -17.6366, 5.0272 |

Details

The XYZ color **32.7036, 39.7083, 41.5381** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.3708, 28.9321, 31.8970**, and the grayscale version is **35.1307, 36.9602, 40.2497**.

A 20% lighter version of the original color is **63.3274, 74.8318, 78.8164**, and **13.9704, 17.7443, 18.3115** is the 20% darker color. If you saturate the color by 10%, you get **29.5962, 38.1629, 38.8895**, and if you desaturate by 10%, it is **36.3127, 41.5121, 44.3195**.

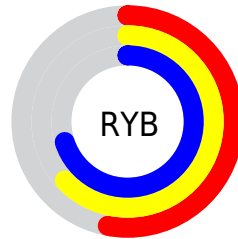
Distribution



Red (53%)

Green (70%)

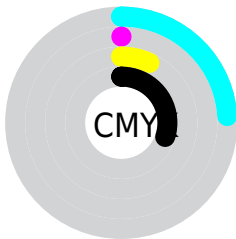
Blue (65%)



Red (53%)

Yellow (63%)

Blue (70%)

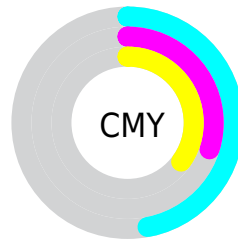


Cyan (24%)

Magenta (0%)

Yellow (7%)

Black (30%)



Cyan (47%)

Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7036, 39.7083, 41.5381 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 32.7036, 39.7083, 41.5381 by changing the saturation by 10% instead.

■ 32.7036, 39.7083,
41.5381

■ 32.7036, 39.7083,
41.5381

306.0007,
344.8926, 368.3076

■ 22.0576, 27.3112,
28.4169

■ 63.2703, 74.7191,
78.7626

■ 14.0161, 17.8071,
18.3984

■ 83.9217, 98.1016,
103.7030

■ 8.2136, 10.8116,
11.0640

■ 108.6390,
125.9147, 133.4202

■ 4.2849, 5.9403,
5.9952

137.7875,
158.5427, 168.3328

■ 1.8645, 2.8088,
2.7734

171.7325,
196.3701, 208.8593

■ 0.5561, 1.0327,
0.9801

210.8395,

■ 0.0000, 0.0000,

239.7813, 255.4183

0.0000

255.4738,
289.1607, 308.4282

■ 32.7036, 39.7083,
41.5381

■ 32.7036, 39.7083,
41.5381

■ 29.5962, 38.1629,
38.8895

■ 36.3127, 41.5121,
44.3195

■ 26.9631, 36.8585,
36.3687

■ 40.4425, 43.5809,
47.2333

■ 24.7794, 35.7835,
33.9738

■ 45.1152, 45.9271,
50.2827

■ 23.0163, 34.9231,
31.7024

■ 50.3506, 48.5609,
53.4699

■ 21.6418, 34.2607,
29.5513

■ 56.1674, 51.4920,
56.7969

■ 20.6190, 33.7773,
27.5176

■ 62.5837, 54.7295,
60.2659

■ 19.9033, 33.4502,
25.5976

■ 67.9021, 57.3986,
63.7985

■ 19.5707, 33.3021,
24.5254

■ 68.5536, 57.6592,
67.2289

■ 69.2275, 57.9288,
70.7776

Harmonies

Analogous

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



33.6281, 39.7083, 34.8014



32.7036, 39.7083, 41.5381



33.0750, 39.7083, 49.5958

Triad

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



32.7036, 39.7083, 41.5381



39.9015, 39.7083, 58.7479



40.9909, 39.7083, 32.1172

Complementary

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



32.7036, 39.7083, 41.5381



32.3708, 28.9321, 31.8970

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.



42.8276, 39.7083, 37.4438



32.7036, 39.7083, 41.5381



42.1774, 39.7083, 52.9329

Square

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



32.7036, 39.7083, 41.5381



37.1441, 39.7083, 60.1899



43.2720, 39.7083, 44.9787



38.3454, 39.7083, 29.8076

Rectangle

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



32.7036, 39.7083, 41.5381



34.0170, 39.7083, 54.5838



43.2720, 39.7083, 44.9787



41.7285, 39.7083, 33.5805

Sweetspot

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



32.7047, 39.7099, 41.5390



71.0167, 77.8646, 84.0597



32.6194, 39.9453, 28.9133



15.6341, 17.2010, 18.5541



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.7047, 39.7099, 41.5390



56.1831, 70.4530, 72.7283



32.4254, 37.1600, 47.5850



8.6310, 9.5869, 10.3166



14.0313, 23.8385, 17.6995



0.4659, 0.7598, 0.6854

Inverse Universe

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



32.3708, 28.9321, 31.8970



55.4739, 47.4935, 52.1994



32.5395, 30.8253, 27.1572



8.5986, 8.5462, 9.3848



13.6352, 6.9716, 3.2389



0.4556, 0.2300, 0.2418

Previews

White Background



This preview shows how the XYZ color 32.7036, 39.7083, 41.5381 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 32.7036, 39.7083, 41.5381 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

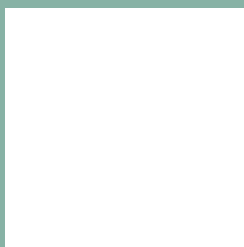
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7036, 39.7083, 41.5381

Background



This preview shows how black text looks on a background with the XYZ color 32.7036, 39.7083, 41.5381.

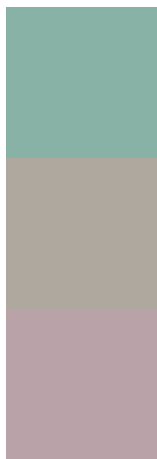


This preview shows how white text looks on a background with the XYZ color 32.7036, 39.7083,

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

32.7036, 39.7083, 41.5381

Protanopia

37.7162, 39.5071, 38.4387

Deuteranopia

40.1727, 39.3358, 42.5210



Tritanopia

35.2223, 39.8662, 53.4155

Trichromacy



Original Color

32.7036, 39.7083, 41.5381

Protanomaly

35.6828, 39.5518, 39.4718

Deuteranomaly

36.9140, 39.0108, 42.1435

Tritanomaly

34.2448, 39.7492, 49.0475

Monochromacy



Original Color

32.7036, 39.7083, 41.5381

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.0257, 37.8286, 40.6303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7036, 39.7083, 41.5381 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(135, 178, 165)` looks like.

```
.text, #text, p{  
    color:rgb(135, 178, 165)  
}
```

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(135, 178, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 178, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.7036, 39.7083, 41.5381 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(135, 178, 165) }
```


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

```
.border{ border-color:rgb(135, 178, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 178, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 178, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 178, 165);  
box-shadow:4px 4px 4px 4px rgb(135, 178,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7036, 39.7083, 41.5381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 178, 165) }
```

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

```
.background{ background-color: rgb(135,  
178, 165) }
```

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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