

Converting Colors

XYZ(32.5728, 41.9142, 40.8780)

Have a look what the booklet for
XYZ(32.5728, 41.9142, 40.8780)
contains.

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Color

**XYZ(32.5640, 41.7779,
40.9980)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7EB9A3 |
| RGB | 126, 185, 163 |
| RGB Percent | 49%, 73%, 64% |
| CMY | 0.5059, 0.2745, 0.3608 |
| CMYK | 0.32, 0.00, 0.12, 0.27 |
| HSL | 158°, 30%, 61% |
| HSV | 158°, 32%, 73% |
| XYZ | 32.5640, 41.7779, 40.9980 |
| YIQ | 164.8510, -28.1020, -19.3500 |

Conversions

Conversions Part 2

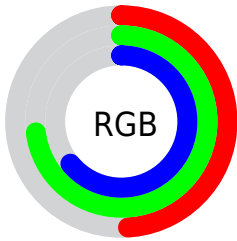
| Format | Color |
|-------------------------------------|---|
| RYB | 126, 162, 185 |
| Decimal | 8305059 |
| CIELab | 70.72, -23.92, 5.09 |
| CIELCh | 71, 24.451, 167.981 |
| Yxy | 41.7779, 0.2823, 0.3622 |
| Android (android.graphics.Color) | 4286495139 (0xFF7EB9A3) |
| YUV | 164.8510, -0.9125, -34.0723 |
| Hunter-Lab | 64.6358, -23.1831, 7.6379 |

Details

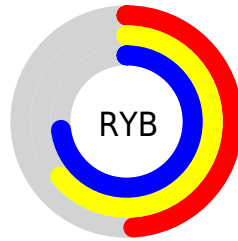
The XYZ color **32.5640, 41.7779, 40.9980** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.8152, 27.3751, 31.5730**, and the grayscale version is **35.7076, 37.5671, 40.9106**.

A 20% lighter version of the original color is **62.9326, 77.6758, 78.0057**, and **13.9445, 19.1061, 17.9918** is the 20% darker color. If you saturate the color by 10%, you get **29.4830, 40.2602, 37.7151**, and if you desaturate by 10%, it is **36.1855, 43.5726, 44.4840**.

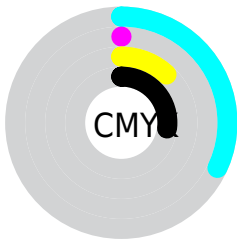
Distribution



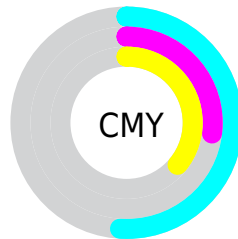
- Red (49%)
- Green (73%)
- Blue (64%)



- Red (49%)
- Yellow (64%)
- Blue (73%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)





- Cyan (51%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5640, 41.7779, 40.9980 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 32.5640, 41.7779, 40.9980 by changing the saturation by 10% instead.


 32.5640, 41.7779,
40.9980


 32.5640, 41.7779,
40.9980


305.3803,
353.5614, 365.9886


 21.9503, 28.9274,
27.9978


 63.0535, 77.8634,
77.9345

 13.9368, 19.0259,
18.0850


 83.6599, 101.8672,
102.7079

 8.1581, 11.6890,
10.8410


 108.3280,
130.3575, 132.2428

 4.2489, 6.5323,
5.8472

137.4231,
163.7188, 166.9577

 1.8439, 3.1714,
2.6851

171.3105,
202.3355, 207.2713

 0.5439, 1.2218,
0.9359

210.3556,

 0.0000, 0.0794,

246.5918, 253.6019

0.0000

254.9238,
296.8724, 306.3682

■ 0.0000, 0.0000,
0.0000

■ 32.5640, 41.7779,
40.9980

■ 32.5640, 41.7779,
40.9980

■ 29.4830, 40.2602,
37.7151

■ 36.1855, 43.5726,
44.4840

■ 26.9107, 38.9998,
34.6285

■ 40.3703, 45.6526,
48.1743

■ 24.8172, 37.9824,
31.7347


■ 45.1440, 48.0322,
52.0735


■ 23.1677, 37.1903,
29.0292


■ 50.5297, 50.7231,
56.1854


■ 21.9228, 36.6030,
26.5071


■ 56.5490, 53.7366,
60.5135


 21.0353, 36.1965,
24.1633

 63.2226, 57.0833,
65.0613

 20.5030, 35.9608,
22.3880

 70.3845, 60.6774,
69.8235

 71.2699, 61.0315,
74.4859

 72.1928, 61.4007,
79.3462

Harmonies

Analogous

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



34.1961, 41.7779, 32.1256



32.5640, 41.7779, 40.9980



32.7481, 41.7779, 52.7321

Triad

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



32.5640, 41.7779, 40.9980



42.1631, 41.7779, 70.1901



45.1567, 41.7779, 30.8416

Complementary

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



32.5640, 41.7779, 40.9980



32.8152, 27.3751, 31.5730

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.



47.5915, 41.7779, 38.9416



32.5640, 41.7779, 40.9980



45.7839, 41.7779, 62.1232

Square

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



32.5640, 41.7779, 40.9980



38.1079, 41.7779, 70.9953



47.8286, 41.7779, 50.2966



41.3536, 41.7779, 26.9659

Rectangle

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



32.5640, 41.7779, 40.9980



33.8775, 41.7779, 60.6519



47.8286, 41.7779, 50.2966



46.1732, 41.7779, 33.0906

Sweetspot

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



32.5652, 41.7796, 40.9989



73.7012, 82.4576, 87.4562



33.4408, 42.5597, 26.1916



15.6443, 17.6546, 18.6484



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.



32.5652, 41.7796, 40.9989



54.5042, 72.9403, 69.4291



33.3061, 39.8273, 51.8330



9.1208, 10.1523, 10.7934



13.9962, 24.4994, 15.4340



0.5223, 0.8752, 0.6962

Inverse Universe

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



32.8152, 27.3751, 31.5730



55.0235, 43.2472, 50.0186



32.1463, 28.5648, 23.5585



9.1394, 9.0661, 10.0815



14.3872, 7.3287, 4.6600



0.5376, 0.2705, 0.3243

Previews

White Background



This preview shows how the XYZ color 32.5640, 41.7779, 40.9980 looks on a white background.

Color Contrast Check

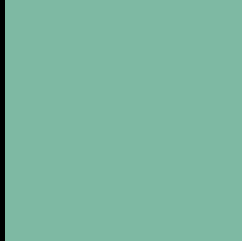
Large Text (above 18pt) WCAG AA × Fail

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 32.5640, 41.7779, 40.9980 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 32.5640, 41.7779, 40.9980

Background



This preview shows how black text looks on a background with the XYZ color 32.5640, 41.7779, 40.9980.



This preview shows how white text looks on a background with the XYZ color 32.5640, 41.7779,

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

32.5640, 41.7779, 40.9980

Protanopia

39.3437, 41.4891, 37.3870

Deuteranopia

42.2796, 41.5038, 42.3419



Tritanopia

35.8445, 41.5692, 57.7642

Trichromacy



Original Color

32.5640, 41.7779, 40.9980

Protanomaly

36.4774, 41.4211, 38.8734

Deuteranomaly

37.9553, 41.2408, 42.0362

Tritanomaly

34.4811, 41.6206, 51.0160

Monochromacy



Original Color

32.5640, 41.7779, 40.9980

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.2159, 38.7647, 40.8009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5640, 41.7779, 40.9980 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(126, 185, 163)` looks like.

```
.text, #text, p{  
    color:rgb(126, 185, 163)  
}
```

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(126, 185, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 185, 163) }
```

Border

The CSS property to change the border of an element to XYZ 32.5640, 41.7779, 40.9980 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(126, 185, 163) }
```


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

```
.border{ border-color:rgb(126, 185, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 185, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 185, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 185, 163);  
box-shadow:4px 4px 4px 4px rgb(126, 185,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5640, 41.7779, 40.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 185, 163) }
```

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

```
.background{ background-color: rgb(126,  
185, 163) }
```

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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