

Converting Colors

XYZ(32.2199, 39.8493, 44.3619)

Have a look what the booklet for
XYZ(32.2199, 39.8493, 44.3619)
contains.

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Color

**XYZ(32.2761, 40.0184,
44.5513)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB4AB
RGB	126, 180, 171
RGB Percent	49%, 71%, 67%
CMY	0.5059, 0.2941, 0.3294
CMYK	0.30, 0.00, 0.05, 0.29
HSL	170°, 26%, 60%
HSV	170°, 30%, 71%
XYZ	32.2761, 40.0184, 44.5513
YIQ	162.8280, -29.2950, -14.2470

Conversions

Conversions Part 2

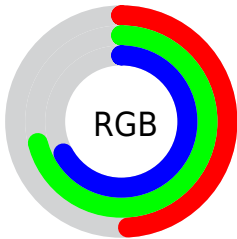
Format	Color
RYB	126, 155, 180
Decimal	8303787
CIELab	69.48, -19.63, -1.09
CIElCh	69, 19.657, 183.192
Yxy	40.0184, 0.2762, 0.3425
Android (android.graphics.Color)	4286493867 (0xFF7EB4AB)
YUV	162.8280, 4.0288, -32.2982
Hunter-Lab	63.2601, -19.6322, 2.5267

Details

The XYZ color **32.2761, 40.0184, 44.5513** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.6578, 26.3753, 26.3983**, and the grayscale version is **34.7240, 36.5324, 39.7838**.

A 20% lighter version of the original color is **62.5453, 75.1852, 83.1672**, and **13.7432, 17.9665, 20.1963** is the 20% darker color. If you saturate the color by 10%, you get **29.5744, 38.6594, 42.9494**, and if you desaturate by 10%, it is **35.4641, 41.6295, 46.2116**.

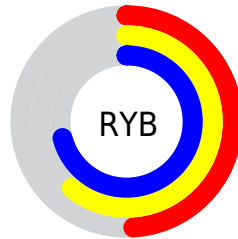
Distribution



Red (49%)

Green (71%)

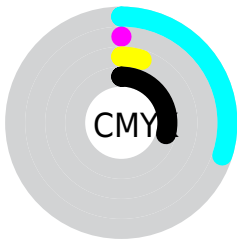
Blue (67%)



Red (49%)

Yellow (61%)

Blue (71%)

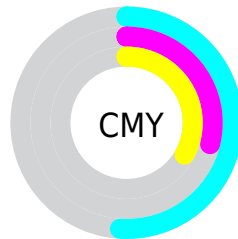


Cyan (30%)

Magenta (0%)

Yellow (5%)

Black (29%)



Cyan (51%)

Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2761, 40.0184, 44.5513 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 32.2761, 40.0184, 44.5513 by changing the saturation by 10% instead.

■ 32.2761, 40.0184,
44.5513

■ 32.2761, 40.0184,
44.5513

304.0980,
346.2011, 381.0603

■ 21.7290, 27.5529,
30.7638

■ 62.6060, 75.1915,
83.3580

■ 13.7734, 17.9889,
20.1621

■ 83.1195, 98.6679,
109.2142

■ 8.0439, 10.9420,
12.3277

■ 107.6858,
126.5834, 139.9304

■ 4.1751, 6.0279,
6.8420

136.6704,
159.3224, 175.9252

■ 1.8017, 2.8620,
3.2865

170.4386,
197.2693, 217.6170

■ 0.5187, 1.0601,
1.2427

209.3557,

■ 0.0000, 0.0000,

240.8084, 265.4244

0.0142

253.7870,
290.3242, 319.7660

■ 0.0000, 0.0000,
0.0000

■ 32.2761, 40.0184,
44.5513

■ 32.2761, 40.0184,
44.5513

■ 29.5744, 38.6594,
42.9494

■ 35.4641, 41.6295,
46.2116

■ 27.3301, 37.5343,
41.4017

■ 39.1589, 43.5000,
47.9289

■ 25.5160, 36.6303,
39.9076

■ 43.3836, 45.6430,
49.7053

■ 24.1012, 35.9314,
38.4655

■ 48.1592, 48.0692,
51.5420

■ 23.0501, 35.4192,
37.0733

■ 53.5054, 50.7888,
53.4402

■ 22.3210, 35.0723,
35.7290

■ 59.4409, 53.8114,
55.4010

■ 21.8267, 34.8458,
34.4283

■ 65.9835, 57.1462,
57.4253

■ 67.4131, 57.8444,
59.2458

■ 67.7559, 57.9815,
61.0510

Harmonies

Analogous

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



32.8575, 40.0184, 36.1737



32.2761, 40.0184, 44.5513



33.1660, 40.0184, 53.8316

Triad

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



32.2761, 40.0184, 44.5513



41.4672, 40.0184, 59.8522



40.8484, 40.0184, 29.7913

Complementary

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



32.2761, 40.0184, 44.5513



30.6578, 26.3753, 26.3983

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.



43.3615, 40.0184, 34.7086



32.2761, 40.0184, 44.5513



43.7325, 40.0184, 51.9187

Square

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



32.2761, 40.0184, 44.5513



38.3763, 40.0184, 63.4018



44.4440, 40.0184, 42.6096



37.6983, 40.0184, 28.3809

Rectangle

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



32.2761, 40.0184, 44.5513



34.5043, 40.0184, 59.0759



44.4440, 40.0184, 42.6096



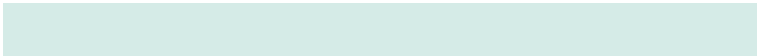
41.8014, 40.0184, 31.0518

Sweetspot

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



32.2772, 40.0200, 44.5522



71.6108, 79.1808, 87.1699



30.2254, 39.3764, 25.7467



15.2545, 17.0007, 18.7421



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.



32.2772, 40.0200, 44.5522



55.1855, 70.8805, 78.8453



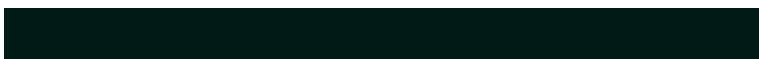
29.9230, 33.8911, 48.1464



8.6806, 9.6067, 10.5777



15.2543, 24.3277, 24.1399



0.4961, 0.7719, 0.8445

Inverse Universe

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



30.6578, 26.3753, 26.3983



51.7794, 42.1412, 40.6326



32.4271, 30.8858, 23.9918



8.5522, 8.5276, 9.1406



13.3178, 6.8447, 1.5678



0.4366, 0.2224, 0.1420

Previews

White Background



This preview shows how the XYZ color 32.2761, 40.0184, 44.5513 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 32.2761, 40.0184, 44.5513 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 32.2761, 40.0184, 44.5513

Background



This preview shows how black text looks on a background with the XYZ color 32.2761, 40.0184, 44.5513.

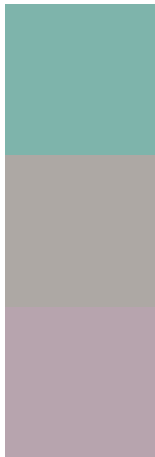


This preview shows how white text looks on a background with the XYZ color 32.2761, 40.0184,

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

32.2761, 40.0184, 44.5513

Protanopia

37.9371, 39.5698, 40.7602

Deuteranopia

40.4439, 39.6742, 45.5707



Tritanopia

34.4862, 40.0312, 55.1994

Trichromacy



Original Color

32.2761, 40.0184, 44.5513

Protanomaly

35.4379, 39.3630, 42.2893

Deuteranomaly

36.8178, 39.4480, 45.2089

Tritanomaly

33.6254, 39.9686, 51.2899

Monochromacy



Original Color

32.2761, 40.0184, 44.5513

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.6486, 37.6131, 41.5630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2761, 40.0184, 44.5513 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, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 171)  
}
```

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, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.2761, 40.0184, 44.5513 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, 180, 171) }
```


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

```
.border{ border-color:rgb(126, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2761, 40.0184, 44.5513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 171) }
```

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

```
.background{ background-color: rgb(126,  
180, 171) }
```

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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