

Converting Colors

XYZ(32.5574, 39.6925, 45.5542)

Have a look what the booklet for
XYZ(32.5574, 39.6925, 45.5542)
contains.

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Color

**XYZ(32.7162, 39.9245,
45.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	81B3AD
RGB	129, 179, 173
RGB Percent	51%, 70%, 68%
CMY	0.4941, 0.2980, 0.3216
CMYK	0.28, 0.00, 0.03, 0.30
HSL	173°, 25%, 60%
HSV	173°, 28%, 70%
XYZ	32.7162, 39.9245, 45.5170
YIQ	163.3660, -27.8740, -12.4660

Conversions

Conversions Part 2

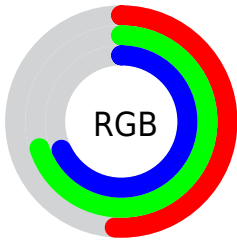
Format	Color
R _{YB}	129, 156, 179
Decimal	8500141
CIE Lab	69.42, -17.76, -2.28
CIE LCh	69, 17.905, 187.300
Yxy	39.9245, 0.2769, 0.3379
Android (android.graphics.Color)	4286690221 (0xFF81B3AD)
YUV	163.3660, 4.7496, -30.1390
Hunter-Lab	63.1858, -18.1519, 1.5195

Details

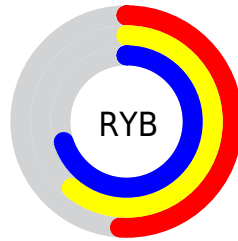
The XYZ color **32.7162, 39.9245, 45.5170** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.8153, 27.0346, 26.5174**, and the grayscale version is **34.9744, 36.7958, 40.0706**.

A 20% lighter version of the original color is **63.2404, 75.0854, 84.5586**, and **14.0539, 17.9219, 20.8077** is the 20% darker color. If you saturate the color by 10%, you get **30.0258, 38.5624, 44.3151**, and if you desaturate by 10%, it is **35.8886, 41.5367, 46.7606**.

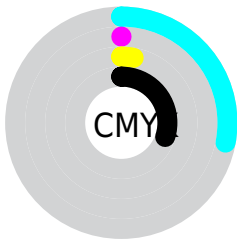
Distribution



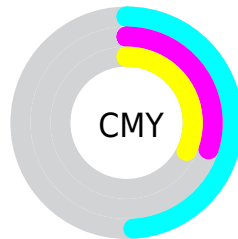
- Red (51%)
- Green (70%)
- Blue (68%)



- Red (51%)
- Yellow (61%)
- Blue (70%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7162, 39.9245, 45.5170 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 32.7162, 39.9245, 45.5170 by changing the saturation by 10% instead.

■ 32.7162, 39.9245,
45.5170

■ 32.7162, 39.9245,
45.5170

306.0566,
345.8052, 385.0844

■ 22.0673, 27.4797,
31.5189

■ 63.2898, 75.0485,
84.8223

■ 14.0233, 17.9338,
20.7326

■ 83.9453, 98.4965,
110.9667

■ 8.2187, 10.9025,
12.7393

■ 108.6670,
126.3811, 141.9969

■ 4.2882, 6.0013,
7.1207

137.8203,
159.0865, 178.3315

■ 1.8664, 2.8459,
3.4581

171.7706,
196.9972, 220.3890

■ 0.5572, 1.0518,
1.3330

210.8832,

■ 0.0000, 0.0000,

240.4977, 268.5879

0.0886

255.5234,
289.9722, 323.3469

■ 0.0000, 0.0000,
0.0000

■ 32.7162, 39.9245,
45.5170

■ 32.7162, 39.9245,
45.5170

■ 30.0258, 38.5624,
44.3151

■ 35.8886, 41.5367,
46.7606

■ 27.7891, 37.4328,
43.1510

■ 39.5625, 43.4061,
48.0444

■ 25.9800, 36.5233,
42.0242

■ 43.7608, 45.5454,
49.3703

■ 24.5687, 35.8184,
40.9332

■ 48.5036, 47.9650,
50.7394

■ 23.5211, 35.3006,
39.8763

■ 53.8103, 50.6749,
52.1527

■ 22.7976, 34.9496,
38.8517

■ 59.6990, 53.6845,
53.6111

■ 22.3352, 34.7327,
37.8563

■ 66.1872, 57.0027,
55.1155

■ 22.2507, 34.6936,
37.6532

■ 66.6761, 57.2278,
56.3571

■ 66.9131, 57.3225,
57.6050

Harmonies

Analogous

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



33.0653, 39.9245, 37.6348



32.7162, 39.9245, 45.5170



33.7112, 39.9245, 53.8047

Triad

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



32.7162, 39.9245, 45.5170



41.4019, 39.9245, 57.3429



40.1239, 39.9245, 30.4228

Complementary

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



32.7162, 39.9245, 45.5170



30.8153, 27.0346, 26.5174

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.



42.5236, 39.9245, 34.5531



32.7162, 39.9245, 45.5170



43.2871, 39.9245, 49.8814

Square

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



32.7162, 39.9245, 45.5170



38.6549, 39.9245, 61.1710



43.7077, 39.9245, 41.4872



37.2479, 39.9245, 29.5642

Rectangle

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



32.7162, 39.9245, 45.5170



35.0340, 39.9245, 58.2254



43.7077, 39.9245, 41.4872



41.0173, 39.9245, 31.4468

Sweetspot

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



32.7174, 39.9261, 45.5179



70.7103, 77.6634, 85.9953



30.1831, 39.0333, 26.7130



15.4353, 17.0889, 18.9750



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.



32.7174, 39.9261, 45.5179



55.2990, 69.8336, 80.0794



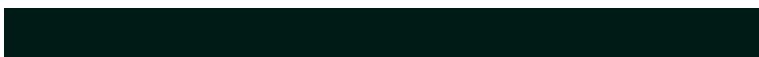
29.8779, 33.2966, 47.5019



8.6979, 9.6136, 10.6685



15.7386, 24.5214, 26.6901



0.5075, 0.7765, 0.9046

Inverse Universe

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



30.8153, 27.0346, 26.5174



51.2885, 42.6276, 39.9988



33.0399, 32.1413, 25.2321



8.5365, 8.5213, 9.0576



13.2491, 6.8172, 1.2057



0.4301, 0.2198, 0.1077

Previews

White Background



This preview shows how the XYZ color 32.7162, 39.9245, 45.5170 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 32.7162, 39.9245, 45.5170 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

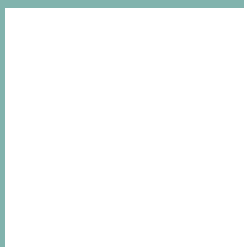
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7162, 39.9245, 45.5170

Background



This preview shows how black text looks on a background with the XYZ color 32.7162, 39.9245, 45.5170.

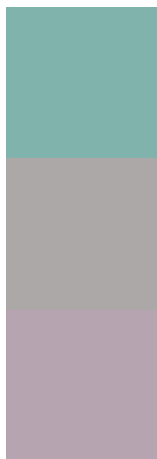


This preview shows how white text looks on a background with the XYZ color 32.7162, 39.9245,

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

32.7162, 39.9245, 45.5170

Protanopia

37.9909, 39.5659, 42.1939

Deuteranopia

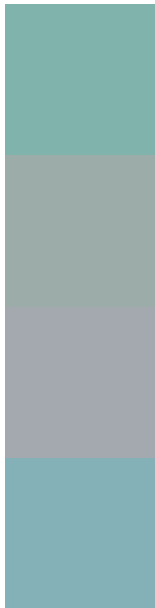
40.4033, 39.6306, 46.5943



Tritanopia

34.4925, 39.7549, 54.5707

Trichromacy



Original Color

32.7162, 39.9245, 45.5170

Protanomaly

35.6243, 39.4375, 43.2707

Deuteranomaly

37.0301, 39.2576, 46.1832

Tritanomaly

33.8896, 39.8105, 51.2454

Monochromacy



Original Color

32.7162, 39.9245, 45.5170

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.9255, 37.7453, 42.0567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7162, 39.9245, 45.5170 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(129, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(129, 179, 173)  
}
```

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(129, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 179, 173) }
```

Border

The CSS property to change the border of an element to XYZ 32.7162, 39.9245, 45.5170 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(129, 179, 173) }
```


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

```
.border{ border-color:rgb(129, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(129, 179,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7162, 39.9245, 45.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 179, 173) }
```

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

```
.background{ background-color: rgb(129,  
179, 173) }
```

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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