

Converting Colors

XYZ(32.0164, 39.4579, 45.2760)

Have a look what the booklet for
XYZ(32.0164, 39.4579, 45.2760)
contains.

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Color

**XYZ(32.1204, 39.6173,
45.4891)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB3AD
RGB	125, 179, 173
RGB Percent	49%, 70%, 68%
CMY	0.5098, 0.2980, 0.3216
CMYK	0.30, 0.00, 0.03, 0.30
HSL	173°, 26%, 60%
HSV	173°, 30%, 70%
XYZ	32.1204, 39.6173, 45.4891
YIQ	162.1700, -30.2580, -13.3140

Conversions

Conversions Part 2

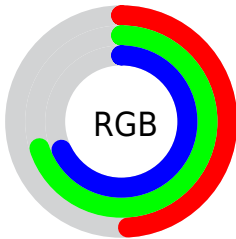
Format	Color
RYB	125, 154, 179
Decimal	8237997
CIELab	69.20, -18.95, -2.62
CIElCh	69, 19.134, 187.880
Yxy	39.6173, 0.2740, 0.3380
Android (android.graphics.Color)	4286428077 (0xFF7DB3AD)
YUV	162.1700, 5.3392, -32.5981
Hunter-Lab	62.9423, -19.0577, 1.2100

Details

The XYZ color **32.1204, 39.6173, 45.4891** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.0222, 25.8908, 24.8895**, and the grayscale version is **34.4092, 36.2011, 39.4230**.

A 20% lighter version of the original color is **62.3023, 74.6018, 84.5147**, and **13.6597, 17.7187, 20.7893** is the 20% darker color. If you saturate the color by 10%, you get **29.5483, 38.3144, 44.3719**, and if you desaturate by 10%, it is **35.1686, 41.1673, 46.6452**.

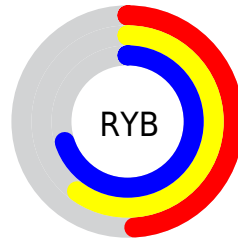
Distribution



Red (49%)

Green (70%)

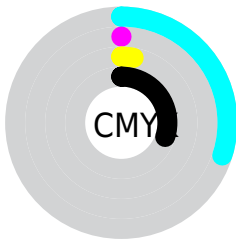
Blue (68%)



Red (49%)

Yellow (60%)

Blue (70%)

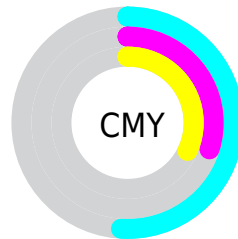


Cyan (30%)

Magenta (0%)

Yellow (3%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1204, 39.6173, 45.4891 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 32.1204, 39.6173, 45.4891 by changing the saturation by 10% instead.

■ 32.1204, 39.6173,
45.4891

■ 32.1204, 39.6173,
45.4891

303.4029,
344.5079, 384.9686

■ 21.6095, 27.2403,
31.4971

■ 62.3637, 74.5804,
84.7801

■ 13.6852, 17.7538,
20.7160

■ 82.8268, 97.9353,
110.9161

■ 7.9823, 10.7733,
12.7274

■ 107.3380,
125.7182, 141.9373

■ 4.1353, 5.9146,
7.1126

136.2626,
158.3136, 178.2621

■ 1.7790, 2.7932,
3.4531

169.9661,
196.1059, 220.3091

■ 0.5050, 1.0248,
1.3304

208.8137,

■ 0.0000, 0.0000,

239.4795, 268.4968

0.0865

253.1709,
288.8187, 323.2438

■ 0.0000, 0.0000,
0.0000

■ 32.1204, 39.6173,
45.4891

■ 32.1204, 39.6173,
45.4891

■ 29.5483, 38.3144,
44.3719

■ 35.1686, 41.1673,
46.6452

■ 27.4235, 37.2408,
43.2898

■ 38.7130, 42.9717,
47.8387

■ 25.7195, 36.3838,
42.2421

■ 42.7764, 45.0434,
49.0716

■ 24.4056, 35.7275,
41.2275

■ 47.3795, 47.3930,
50.3450

■ 23.4467, 35.2540,
40.2442

■ 52.5417, 50.0305,
51.6597

■ 22.8015, 34.9418,
39.2903

■ 58.2815, 52.9654,
53.0167

■ 22.3881, 34.7485,
38.3768

■ 64.6165, 56.2067,
54.4169

■ 66.5372, 57.1721,
55.6260

■ 66.7546, 57.2591,
56.7708

Harmonies

Analogous

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



32.4613, 39.6173, 37.0953



32.1204, 39.6173, 45.4891



33.1977, 39.6173, 54.3368

Triad

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



32.1204, 39.6173, 45.4891



41.3860, 39.6173, 57.8566



39.9152, 39.6173, 29.3289

Complementary

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



32.1204, 39.6173, 45.4891



30.0222, 25.8908, 24.8895

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.



42.4945, 39.6173, 33.5919



32.1204, 39.6173, 45.4891



43.3752, 39.6173, 49.8004

Square

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



32.1204, 39.6173, 45.4891



38.4678, 39.6173, 62.0815



43.7916, 39.6173, 40.8665



36.8538, 39.6173, 28.5005

Rectangle

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



32.1204, 39.6173, 45.4891



34.6114, 39.6173, 59.0463



43.7916, 39.6173, 40.8665



40.8721, 39.6173, 30.3768

Sweetspot

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



32.1215, 39.6189, 45.4900



70.0269, 77.3127, 85.8953



29.2296, 38.5718, 25.3074



15.2960, 17.0173, 18.9606



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.



32.1215, 39.6189, 45.4900



54.4638, 69.4002, 80.1709



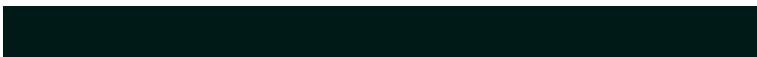
28.8735, 32.1722, 47.3377



8.7012, 9.6150, 10.6859



15.8347, 24.5599, 27.1963



0.5097, 0.7774, 0.9163

Inverse Universe

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



30.0222, 25.8908, 24.8895



50.1195, 40.9666, 37.5221



32.5262, 31.5311, 23.7747



8.5335, 8.5201, 9.0418



13.2381, 6.8128, 1.1478



0.4289, 0.2193, 0.1011

Previews

White Background



This preview shows how the XYZ color 32.1204, 39.6173, 45.4891 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 32.1204, 39.6173, 45.4891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

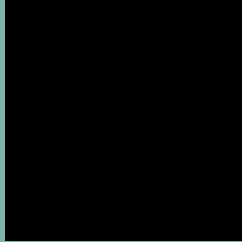
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.1204, 39.6173, 45.4891

Background



This preview shows how black text looks on a background with the XYZ color 32.1204, 39.6173, 45.4891.

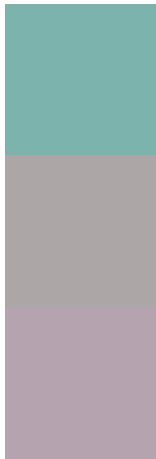


This preview shows how white text looks on a background with the XYZ color 32.1204, 39.6173,

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

32.1204, 39.6173, 45.4891

Protanopia

37.7149, 39.1613, 41.6475

Deuteranopia

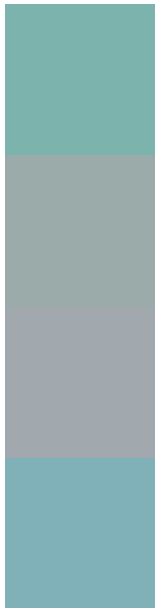
39.9897, 39.1527, 46.5238



Tritanopia

33.9826, 39.4794, 55.1194

Trichromacy



Original Color

32.1204, 39.6173, 45.4891

Protanomaly

35.2419, 38.9590, 43.1985

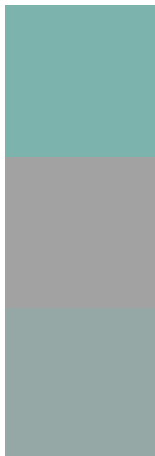
Deuteranomaly

36.6238, 39.0481, 46.1642

Tritanomaly

33.2760, 39.4942, 51.2167

Monochromacy



Original Color

32.1204, 39.6173, 45.4891

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.2800, 37.1480, 41.4926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1204, 39.6173, 45.4891 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(125, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 179, 173) }
```

Border

The CSS property to change the border of an element to XYZ 32.1204, 39.6173, 45.4891 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(125, 179, 173) }
```


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

```
.border{ border-color:rgb(125, 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(125, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(125, 179,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1204, 39.6173, 45.4891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 179, 173) }
```

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

```
.background{ background-color: rgb(125,  
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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