

Converting Colors

XYZ(32.7326, 39.1959, 48.2235)

Have a look what the booklet for
XYZ(32.7326, 39.1959, 48.2235)
contains.

XYZ(32.9121, 39.3661, 48.5116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.9121, 39.3661,
48.5116)**

Conversions

Conversions Part 1

Format	Color
Hex	81B1B3
RGB	129, 177, 179
RGB Percent	51%, 69%, 70%
CMY	0.4941, 0.3059, 0.2980
CMYK	0.28, 0.01, 0.00, 0.30
HSL	182°, 25%, 60%
HSV	182°, 28%, 70%
XYZ	32.9121, 39.3661, 48.5116
YIQ	162.8760, -29.2500, -9.5540

Conversions

Conversions Part 2

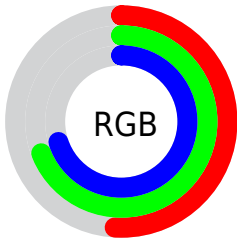
Format	Color
RYB	129, 153, 179
Decimal	8499635
CIELab	69.02, -15.34, -6.18
CIElCh	69, 16.534, 201.931
Yxy	39.3661, 0.2725, 0.3259
Android (android.graphics.Color)	4286689715 (0xFF81B1B3)
YUV	162.8760, 7.9491, -29.7093
Hunter-Lab	62.7424, -16.1654, -1.9226

Details

The XYZ color **32.9121, 39.3661, 48.5116** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.6696, 27.4015, 24.4423**, and the grayscale version is **34.7288, 36.5374, 39.7892**.

A 20% lighter version of the original color is **63.6627, 74.3433, 89.5916**, and **14.0341, 17.4994, 22.3767** is the 20% darker color. If you saturate the color by 10%, you get **30.2871, 37.8047, 48.3492**, and if you desaturate by 10%, it is **36.0164, 41.1777, 48.6983**.

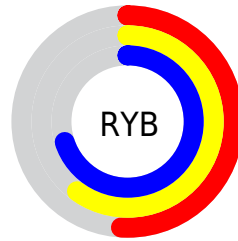
Distribution



Red (51%)

Green (69%)

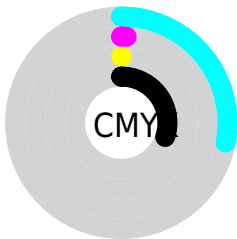
Blue (70%)



Red (51%)

Yellow (60%)

Blue (70%)

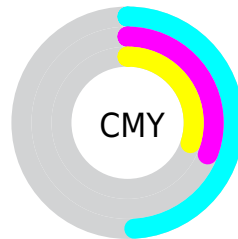


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9121, 39.3661, 48.5116 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 32.9121, 39.3661, 48.5116 by changing the saturation by 10% instead.

■ 32.9121, 39.3661,
48.5116

■ 32.9121, 39.3661,
48.5116

306.9255,
343.4445, 397.3835

■ 22.2180, 27.0446,
33.8693

■ 63.5939, 74.1973,
89.3391

■ 14.1347, 17.6068,
22.5167

■ 84.3123, 97.4758,
116.3614

■ 8.2967, 10.6680,
14.0351

■ 109.1028,
125.1754, 148.3475

■ 4.3388, 5.8441,
8.0061

138.3309,
157.6806, 185.7159

■ 1.8955, 2.7505,
4.0110

172.3619,
195.3757, 228.8852

■ 0.5742, 1.0029,
1.6314

211.5610,

■ 0.0000, 0.0000,

238.6451, 278.2738

0.3131

256.2938,
287.8732, 334.3004

■ 0.0000, 0.0000,
0.0000

■ 32.9121, 39.3661,
48.5116

■ 32.9121, 39.3661,
48.5116

■ 30.2871, 37.8047,
48.3492

■ 36.0164, 41.1777,
48.6983

■ 28.1132, 36.4759,
48.2073

■ 39.6197, 43.2467,
48.9077

■ 26.3644, 35.3674,
48.0855

■ 43.7446, 45.5856,
49.1418

■ 25.0108, 34.4636,
47.9824

■ 48.4115, 48.2050,
49.4014

■ 24.0183, 33.7472,
47.8965

■ 53.6394, 51.1149,
49.6875

■ 23.3474, 33.1976,
47.8257

■ 59.4468, 54.3245,
50.0010

■ 22.9351, 32.7825,
47.7673

■ 65.8510, 57.8428,
50.3426

■ 22.8606, 32.7023,
47.7558

■ 66.2537, 58.2685,
50.4035

■ 66.4013, 58.5637,
50.4527

Harmonies

Analogous

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



32.6225, 39.3661, 40.8590



32.9121, 39.3661, 48.5116



34.3795, 39.3661, 55.3259

Triad

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



32.9121, 39.3661, 48.5116



41.5468, 39.3661, 52.4432



38.1317, 39.3661, 30.0462

Complementary

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



32.9121, 39.3661, 48.5116



30.6696, 27.4015, 24.4423

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.



40.6269, 39.3661, 32.4281



32.9121, 39.3661, 48.5116



42.6581, 39.3661, 44.9315

Square

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



32.9121, 39.3661, 48.5116



39.3399, 39.3661, 57.7749



42.3138, 39.3661, 37.6708



35.5565, 39.3661, 30.7668

Rectangle

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



32.9121, 39.3661, 48.5116



35.8673, 39.3661, 58.1837



42.3138, 39.3661, 37.6708



39.0093, 39.3661, 30.4996

Sweetspot

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



32.9133, 39.3677, 48.5125



70.8166, 77.3725, 87.5831



29.2483, 38.5377, 27.2523



15.4631, 17.0126, 19.3910



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.



32.9133, 39.3677, 48.5125



55.7293, 68.5982, 86.6847



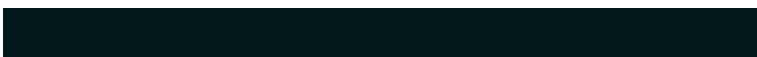
28.4732, 30.4875, 47.0325



8.7130, 9.5722, 10.8947



16.1659, 23.1321, 33.7499



0.5176, 0.7456, 1.0649

Inverse Universe

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



34.3774, 28.4595, 45.2781



58.8398, 45.6482, 79.7635



34.3862, 34.8347, 25.6811



8.8351, 8.6407, 10.6299



18.3944, 8.8753, 28.3007



0.5833, 0.2811, 0.9141

Previews

White Background



This preview shows how the XYZ color 32.9121, 39.3661, 48.5116 looks on a white background.

Color Contrast Check

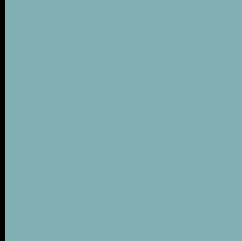
Large Text (above 18pt) WCAG AA × Fail

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 32.9121, 39.3661, 48.5116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

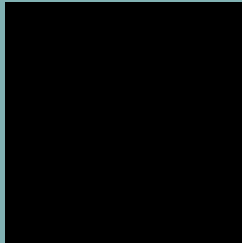
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9121, 39.3661, 48.5116

Background



This preview shows how black text looks on a background with the XYZ color 32.9121, 39.3661, 48.5116.

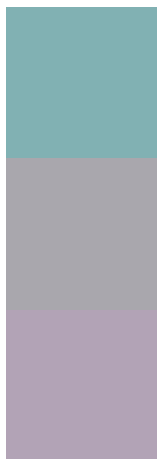


This preview shows how white text looks on a background with the XYZ color 32.9121, 39.3661,

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

32.9121, 39.3661, 48.5116

Protanopia

37.7237, 39.0896, 45.0920

Deuteranopia

39.9008, 39.0368, 49.6878



Tritanopia

33.8754, 39.1594, 53.9172

Trichromacy



Original Color

32.9121, 39.3661, 48.5116

Protanomaly

35.6272, 39.0910, 46.2250

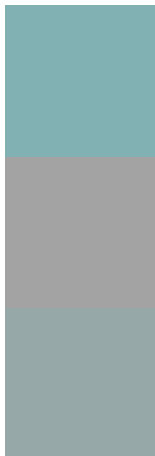
Deuteranomaly

36.8403, 38.8150, 49.2664

Tritanomaly

33.4882, 39.2993, 51.7194

Monochromacy



Original Color

32.9121, 39.3661, 48.5116

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.9266, 37.4491, 42.9764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9121, 39.3661, 48.5116 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, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(129, 177, 179)  
}
```

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, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 177, 179) }
```

Border

The CSS property to change the border of an element to XYZ 32.9121, 39.3661, 48.5116 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, 177, 179) }
```


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

```
.border{ border-color:rgb(129, 177, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(129, 177,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9121, 39.3661, 48.5116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 177, 179) }
```

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

```
.background{ background-color: rgb(129,  
177, 179) }
```

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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