

Converting Colors

XYZ(32.0858, 38.2892, 49.5951)

Have a look what the booklet for
XYZ(32.0858, 38.2892, 49.5951)
contains.

XYZ(32.1279, 38.3561, 49.4262)	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(32.1279, 38.3561,
49.4262)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAFB5
RGB	125, 175, 181
RGB Percent	49%, 69%, 71%
CMY	0.5098, 0.3137, 0.2902
CMYK	0.31, 0.03, 0.00, 0.29
HSL	186°, 27%, 60%
HSV	186°, 31%, 71%
XYZ	32.1279, 38.3561, 49.4262
YIQ	160.7340, -31.7260, -8.7340

Conversions

Conversions Part 2

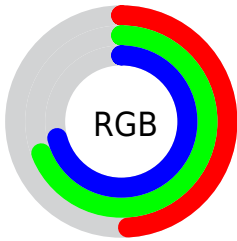
Format	Color
R_{YB}	125, 151, 181
Decimal	8236981
CIE _{Lab}	68.28, -14.99, -8.39
CIE _{LCh}	68, 17.178, 209.251
Yxy	38.3561, 0.2679, 0.3199
Android (android.graphics.Color)	4286427061 (0xFF7DAFB5)
YUV	160.7340, 9.9911, -31.3387
Hunter-Lab	61.9323, -15.7832, -3.9649

Details

The XYZ color **32.1279, 38.3561, 49.4262** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8745, 27.5374, 23.0909**, and the grayscale version is **33.7194, 35.4755, 38.6328**.

A 20% lighter version of the original color is **62.4524, 72.8500, 90.8906**, and **13.6035, 16.8940, 22.9660** is the 20% darker color. If you saturate the color by 10%, you get **29.3483, 36.3679, 49.1896**, and if you desaturate by 10%, it is **35.3968, 40.6064, 49.6889**.

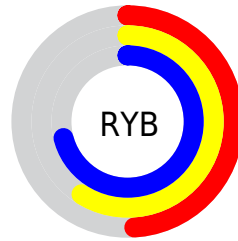
Distribution



Red (49%)

Green (69%)

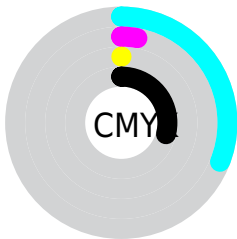
Blue (71%)



Red (49%)

Yellow (59%)

Blue (71%)

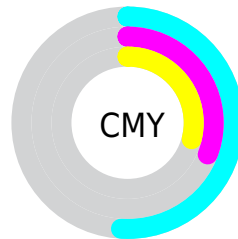


Cyan (31%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1279, 38.3561, 49.4262 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 32.1279, 38.3561, 49.4262 by changing the saturation by 10% instead.

■ 32.1279, 38.3561,
49.4262

■ 32.1279, 38.3561,
49.4262

303.4364,
339.1451, 401.0884

■ 21.6152, 26.2592,
34.5897

■ 62.3754, 72.6536,
90.7117

■ 13.6895, 17.0176,
23.0660

■ 82.8409, 95.6230,
117.9977

■ 7.9853, 10.2471,
14.4365

■ 107.3548,
122.9854, 150.2707

■ 4.1372, 5.5631,
8.2827

136.2823,
155.1250, 187.9491

■ 1.7801, 2.5813,
4.1860

169.9889,
192.4265, 231.4516

■ 0.5056, 0.9173,
1.7279

208.8399,

■ 0.0000, 0.0000,

235.2740, 281.1966

0.3798

253.2006,
284.0521, 337.6026

■ 0.0000, 0.0000,
0.0000

■ 32.1279, 38.3561,
49.4262

■ 32.1279, 38.3561,
49.4262

■ 29.3483, 36.3679,
49.1896

■ 35.3968, 40.6064,
49.6889

■ 27.0282, 34.6238,
48.9752

■ 39.1756, 43.1268,
49.9762

■ 25.1402, 33.1103,
48.7826

■ 43.4883, 45.9304,
50.2901

■ 23.6523, 31.8110,
48.6102

■ 48.3559, 49.0282,
50.6315

■ 22.5281, 30.7071,
48.4564

■ 53.7985, 52.4307,
51.0014

■ 21.7244, 29.7764,
48.3191

■ 59.8352, 56.1477,
51.4006

■ 21.1931, 29.0413,
48.2052

■ 66.4842, 60.1885,
51.8301

■ 68.1053, 61.6456,
52.0260

■ 68.5295, 62.4940,
52.1674

Harmonies

Analogous

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



31.5260, 38.3561, 41.5699



32.1279, 38.3561, 49.4262



33.8757, 38.3561, 55.8285

Triad

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



32.1279, 38.3561, 49.4262



41.0837, 38.3561, 49.8025



36.5240, 38.3561, 28.6355

Complementary

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



32.1279, 38.3561, 49.4262



30.8745, 27.5374, 23.0909

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.



39.1648, 38.3561, 30.2842



32.1279, 38.3561, 49.4262



41.8756, 38.3561, 41.9573

Square

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



32.1279, 38.3561, 49.4262



39.0421, 38.3561, 56.0639



41.1570, 38.3561, 34.9364



33.9873, 38.3561, 30.1282

Rectangle

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



32.1279, 38.3561, 49.4262



35.5003, 38.3561, 58.0692



41.1570, 38.3561, 34.9364



37.4294, 38.3561, 28.8371

Sweetspot

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



32.1290, 38.3576, 49.4271



71.4714, 78.0980, 89.6021



29.0518, 39.0363, 27.3353



15.2196, 16.7302, 19.3493



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.



32.1290, 38.3576, 49.4271



54.1210, 66.2664, 88.2328



27.2948, 28.6891, 47.8157



8.6634, 9.4730, 10.8782



14.6404, 20.0812, 33.2414



0.4827, 0.6760, 1.0533

Inverse Universe

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



34.1285, 27.5870, 44.0852



58.3192, 44.1634, 76.9016



35.0879, 35.9641, 24.4953



8.8100, 8.6307, 10.4981



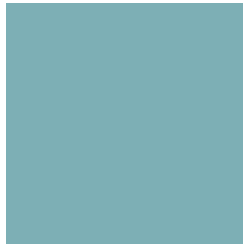
17.6245, 8.5673, 24.2462



0.5657, 0.2740, 0.8216

Previews

White Background



This preview shows how the XYZ color 32.1279, 38.3561, 49.4262 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 32.1279, 38.3561, 49.4262 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

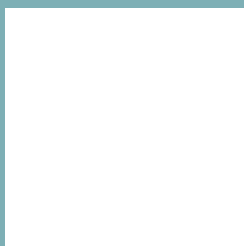
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1279, 38.3561, 49.4262

Background



This preview shows how black text looks on a background with the XYZ color 32.1279, 38.3561, 49.4262.



This preview shows how white text looks on a background with the XYZ color 32.1279, 38.3561,

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

32.1279, 38.3561, 49.4262

Protanopia

36.9189, 38.1124, 45.9680

Deuteranopia

38.8522, 37.9491, 50.6246



Tritanopia

32.9655, 38.4150, 53.2543

Trichromacy



Original Color

32.1279, 38.3561, 49.4262

Protanomaly

34.8863, 38.1296, 47.1160

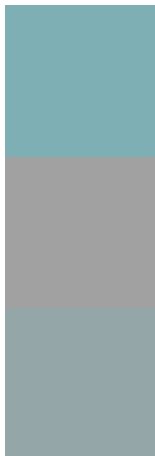
Deuteranomaly

35.8938, 37.7593, 50.1962

Tritanomaly

32.4972, 38.2105, 51.5615

Monochromacy



Original Color

32.1279, 38.3561, 49.4262

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.9168, 36.3955, 42.3359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1279, 38.3561, 49.4262 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, 175, 181)` looks like.

```
.text, #text, p{  
    color:rgb(125, 175, 181)  
}
```

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, 175, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 175, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.1279, 38.3561, 49.4262 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, 175, 181) }
```


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

```
.border{ border-color:rgb(125, 175, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 175, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(125, 175,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1279, 38.3561, 49.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 175, 181) }
```

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

```
.background{ background-color: rgb(125,  
175, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor