

Converting Colors

XYZ(32.4129, 34.9407, 49.5952)

Have a look what the booklet for
XYZ(32.4129, 34.9407, 49.5952)
contains.

XYZ(32.4521, 34.9223, 49.8300)	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(32.4521, 34.9223,
49.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA2B7
RGB	141, 162, 183
RGB Percent	55%, 64%, 72%
CMY	0.4471, 0.3647, 0.2823
CMYK	0.23, 0.11, 0.00, 0.28
HSL	210°, 23%, 64%
HSV	210°, 23%, 72%
XYZ	32.4521, 34.9223, 49.8300
YIQ	158.1150, -19.2570, 2.0790

Conversions

Conversions Part 2

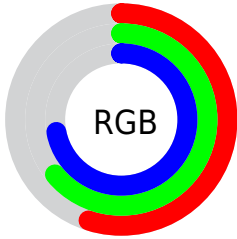
Format	Color
R_{YB}	141, 155, 183
Decimal	9282231
CIE _{Lab}	65.69, -2.64, -13.28
CIE _{LCh}	66, 13.543, 258.767
Yxy	34.9223, 0.2769, 0.2980
Android (android.graphics.Color)	4287472311 (0xFF8DA2B7)
YUV	158.1150, 12.2683, -15.0099
Hunter-Lab	59.0951, -5.3930, -8.6278

Details

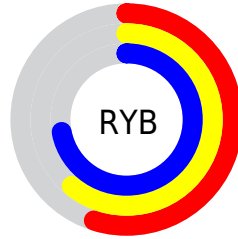
The XYZ color **32.4521, 34.9223, 49.8300** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2569, 37.8312, 30.5387**, and the grayscale version is **32.5048, 34.1975, 37.2411**.

A 20% lighter version of the original color is **62.8985, 67.4598, 91.3673**, and **13.8216, 14.9372, 23.2738** is the 20% darker color. If you saturate the color by 10%, you get **28.0405, 30.3427, 49.1791**, and if you desaturate by 10%, it is **37.4972, 40.0044, 50.5456**.

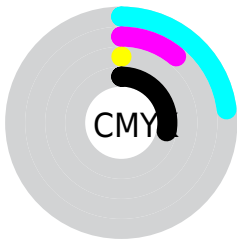
Distribution



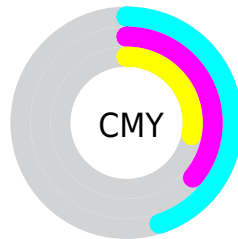
- Red (55%)
- Green (64%)
- Blue (72%)



- Red (55%)
- Yellow (61%)
- Blue (72%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (28%)



- Cyan (45%)
- Magenta (36%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4521, 34.9223, 49.8300 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 32.4521, 34.9223, 49.8300 by changing the saturation by 10% instead.

■ 32.4521, 34.9223,
49.8300

■ 32.4521, 34.9223,
49.8300

304.8824,
324.2252, 402.7168

■ 21.8643, 23.6030,
34.9081

■ 62.8796, 67.3654,
91.3167

■ 13.8732, 15.0394,
23.3091

■ 83.4500, 89.2580,
118.7185

■ 8.1137, 8.8470,
14.6145

■ 108.0786,
115.4438, 151.1174

■ 4.2202, 4.6416,
8.4057

137.1308,
146.3073, 188.9319

■ 1.8274, 2.0385,
4.2641

170.9719,
182.2327, 232.5806

■ 0.5341, 0.6297,
1.7713

209.9673,

■ 0.0000, 0.0000,

223.6046, 282.4819

0.4089

254.4824,
270.8073, 339.0545

■ 0.0000, 0.0000,
0.0000

■ 32.4521, 34.9223,
49.8300

■ 32.4521, 34.9223,
49.8300

■ 28.0405, 30.3427,
49.1791

■ 37.4972, 40.0044,
50.5456

■ 24.2317, 26.2433,
48.5886

■ 43.1986, 45.6015,
51.3255

■ 20.9966, 22.6064,
48.0571

■ 49.5818, 51.7313,
52.1722

■ 18.3026, 19.4111,
47.5824

■ 56.6697, 58.4088,
53.0875

■ 16.1134, 16.6346,
47.1618

■ 64.4844, 65.6488,
54.0731

■ 14.3875, 14.2513,
46.7928

■ 73.0469, 73.4653,
55.1305

■ 13.0757, 12.2314,
46.4720

■ 76.9969, 79.0979,
56.0096

■ 12.3320, 10.9883,
46.2713

■ 79.5523, 84.2088,
56.8614

■ 82.2425, 89.5893,
57.7581

Harmonies

Analogous

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



30.7316, 34.9223, 46.8845



32.4521, 34.9223, 49.8300



34.4401, 34.9223, 49.3846

Triad

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



32.4521, 34.9223, 49.8300



36.9527, 34.9223, 34.6035



30.3947, 34.9223, 31.2431

Complementary

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



32.4521, 34.9223, 49.8300



37.2569, 37.8312, 30.5387

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.



31.9756, 34.9223, 28.5555



32.4521, 34.9223, 49.8300



35.7816, 34.9223, 30.3575

Square

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



32.4521, 34.9223, 49.8300



37.0928, 34.9223, 40.2014



33.9443, 34.9223, 28.2484



29.5758, 34.9223, 35.9275

Rectangle

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



32.4521, 34.9223, 49.8300



35.6491, 34.9223, 47.2342



33.9443, 34.9223, 28.2484



30.8517, 34.9223, 30.0971

Sweetspot

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



32.4532, 34.9237, 49.8308



72.9677, 77.3806, 91.3259



34.3782, 42.1142, 40.1748



15.9813, 16.9586, 20.1526



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.4532, 34.9237, 49.8308



53.6291, 57.9157, 88.5880



29.1610, 28.3394, 48.7334



8.8821, 9.4415, 11.4337



8.6716, 7.8029, 32.3021



0.3676, 0.3989, 1.1594

Inverse Universe

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



35.5758, 31.7266, 38.4328



60.3838, 51.4184, 63.8386



41.1262, 45.5699, 31.8285



9.1868, 9.0851, 10.3314



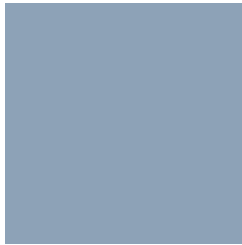
14.9907, 7.5700, 7.8378



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 32.4521, 34.9223, 49.8300 looks on a white background.

Color Contrast Check

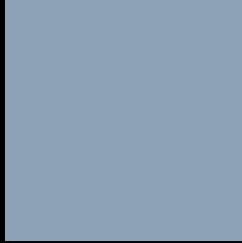
Large Text (above 18pt) WCAG AA × Fail

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 32.4521, 34.9223, 49.8300 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 32.4521, 34.9223, 49.8300

Background



This preview shows how black text looks on a background with the XYZ color 32.4521, 34.9223, 49.8300.



This preview shows how white text looks on a background with the XYZ color 32.4521, 34.9223,

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

32.4521, 34.9223, 49.8300

Protanopia

34.1754, 34.8169, 48.0991

Deuteranopia

35.4773, 34.6899, 50.1734



Tritanopia

31.7489, 34.9044, 46.1382

Trichromacy



Original Color

32.4521, 34.9223, 49.8300

Protanomaly

33.5011, 34.7118, 48.6504

Deuteranomaly

34.3962, 34.8830, 50.2676

Tritanomaly

32.0491, 35.0245, 47.7191

Monochromacy



Original Color

32.4521, 34.9223, 49.8300

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.3221, 34.2617, 41.4688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4521, 34.9223, 49.8300 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(141, 162, 183)` looks like.

```
.text, #text, p{  
    color:rgb(141, 162, 183)  
}
```

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(141, 162, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 162, 183) }
```

Border

The CSS property to change the border of an element to XYZ 32.4521, 34.9223, 49.8300 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(141, 162, 183) }
```


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

```
.border{ border-color:rgb(141, 162, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 162, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 162, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 162, 183); box-shadow:4px 4px 4px 4px rgb(141, 162, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4521, 34.9223, 49.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 162, 183) }
```

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

```
.background{ background-color: rgb(141,  
162, 183) }
```

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