

Converting Colors

XYZ(32.2382, 34.1255, 49.1608)

Have a look what the booklet for
XYZ(32.2382, 34.1255, 49.1608)
contains.

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Color

**XYZ(32.1693, 34.0133,
49.1257)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9FB6
RGB	143, 159, 182
RGB Percent	56%, 62%, 71%
CMY	0.4392, 0.3765, 0.2863
CMYK	0.21, 0.13, 0.00, 0.29
HSL	215°, 21%, 64%
HSV	215°, 21%, 71%
XYZ	32.1693, 34.0133, 49.1257
YIQ	156.8380, -16.9190, 3.7610

Conversions

Conversions Part 2

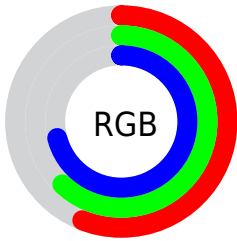
Format	Color
RYB	143, 154, 182
Decimal	9412534
CIELab	64.97, -0.57, -13.79
CIELCh	65, 13.799, 267.615
Yxy	34.0133, 0.2790, 0.2950
Android (android.graphics.Color)	4287602614 (0xFF8F9FB6)
YUV	156.8380, 12.4049, -12.1359
Hunter-Lab	58.3209, -3.6026, -9.1173

Details

The XYZ color **32.1693, 34.0133, 49.1257** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8859, 39.2007, 31.5570**, and the grayscale version is **31.9273, 33.5900, 36.5795**.

A 20% lighter version of the original color is **62.5051, 66.1365, 90.3602**, and **13.7386, 14.5854, 22.8600** is the 20% darker color. If you saturate the color by 10%, you get **27.5046, 28.9874, 48.4020**, and if you desaturate by 10%, it is **37.5076, 39.6260, 49.9283**.

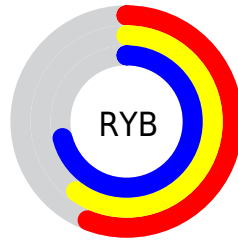
Distribution



Red (56%)

Green (62%)

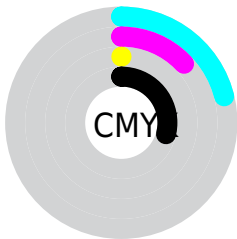
Blue (71%)



Red (56%)

Yellow (60%)

Blue (71%)

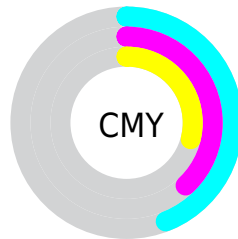


Cyan (21%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1693, 34.0133, 49.1257 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 32.1693, 34.0133, 49.1257 by changing the saturation by 10% instead.

■ 32.1693, 34.0133,
49.1257

■ 32.1693, 34.0133,
49.1257

303.6213,
320.1914, 399.8736

■ 21.6470, 22.9038,
34.3529

■ 62.4398, 65.9544,
90.2610

■ 13.7129, 14.5225,
22.8853

■ 82.9187, 87.5547,
117.4607

■ 8.0016, 8.4850,
14.3043

107.4473,
113.4208, 149.6396

■ 4.1478, 4.4068,
8.1915

136.3908,
143.9371, 187.2165

■ 1.7861, 1.9036,
4.1282

170.1146,
179.4878, 230.6098

■ 0.5093, 0.5506,
1.6959

208.9840,

■ 0.0000, 0.0000,

220.4576, 280.2380

0.3579

253.3645,
267.2306, 336.5198

■ 0.0000, 0.0000,
0.0000

■ 32.1693, 34.0133,
49.1257

■ 32.1693, 34.0133,
49.1257

■ 27.5046, 28.9874,
48.4020

■ 37.5076, 39.6260,
49.9283

■ 23.4816, 24.5234,
47.7524

■ 43.5431, 45.8411,
50.8098

■ 20.0705, 20.6004,
47.1750

■ 50.3022, 52.6785,
51.7733

■ 17.2378, 17.1947,
46.6669

■ 57.8091, 60.1561,
52.8210

■ 14.9462, 14.2802,
46.2252

■ 66.0864, 68.2909,
53.9549

■ 13.1538, 11.8282,
45.8463

■ 75.1562, 77.0993,
55.1770

■ 11.8112, 9.8055,
45.5267

■ 79.1438, 83.5578,
56.2135

■ 10.9377, 8.3657,
45.2948

■ 82.2948, 89.8598,
57.2638

■ 85.4436, 96.1574,
58.3134

Harmonies

Analogous

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



30.3181, 34.0133, 47.1036



32.1693, 34.0133, 49.1257



34.1387, 34.0133, 47.6422

Triad

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



32.1693, 34.0133, 49.1257



35.8466, 34.0133, 32.1742



29.1975, 34.0133, 31.4589

Complementary

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



32.1693, 34.0133, 49.1257



37.8859, 39.2007, 31.5570

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.



30.5837, 34.0133, 28.1316



32.1693, 34.0133, 49.1257



34.4261, 34.0133, 28.5138

Square

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



32.1693, 34.0133, 49.1257



36.3130, 34.0133, 37.4936



32.4885, 34.0133, 27.1107



28.6469, 34.0133, 36.5795

Rectangle

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



32.1693, 34.0133, 49.1257



35.2443, 34.0133, 44.9416



32.4885, 34.0133, 27.1107



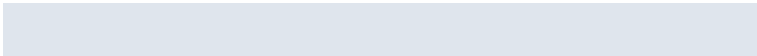
29.5783, 34.0133, 30.1143

Sweetspot

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



32.1703, 34.0147, 49.1265



73.6678, 77.7041, 91.3514



34.9163, 42.0402, 42.2312



16.1144, 17.0012, 20.1538



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.



32.1703, 34.0147, 49.1265



53.9353, 56.9695, 88.3892



30.1652, 29.1570, 48.2945



8.8156, 9.3085, 11.4115



7.7861, 6.0319, 32.0070



0.3358, 0.3353, 1.1488

Inverse Universe

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



35.3727, 32.0940, 37.1328



60.9188, 53.0890, 62.1653



40.2192, 44.9936, 32.5522



9.1533, 9.0717, 10.1546



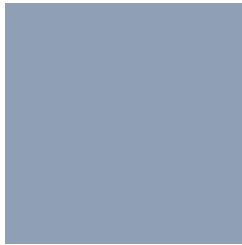
14.5438, 7.3913, 5.4842



0.5437, 0.2729, 0.3563

Previews

White Background



This preview shows how the XYZ color 32.1693, 34.0133, 49.1257 looks on a white background.

Color Contrast Check

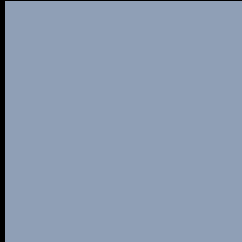
Large Text (above 18pt) WCAG AA × Fail

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 32.1693, 34.0133, 49.1257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

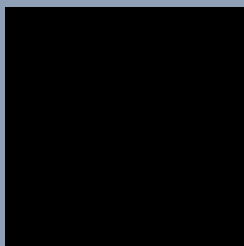
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

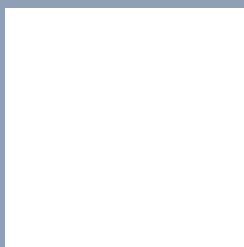
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1693, 34.0133, 49.1257

Background



This preview shows how black text looks on a background with the XYZ color 32.1693, 34.0133, 49.1257.



This preview shows how white text looks on a background with the XYZ color 32.1693, 34.0133,

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

32.1693, 34.0133, 49.1257

Protanopia

33.2636, 33.8445, 47.9595

Deuteranopia

34.6000, 34.0037, 49.5395



Tritanopia

31.0981, 33.8215, 44.4243

Trichromacy



Original Color

32.1693, 34.0133, 49.1257

Protanomaly

32.7919, 33.8397, 48.5195

Deuteranomaly

33.7621, 34.0659, 49.5957

Tritanomaly

31.5626, 34.0270, 45.9786

Monochromacy



Original Color

32.1693, 34.0133, 49.1257

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.0587, 33.8823, 40.9267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1693, 34.0133, 49.1257 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(143, 159, 182)` looks like.

```
.text, #text, p{  
    color:rgb(143, 159, 182)  
}
```

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(143, 159, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 159, 182) }
```

Border

The CSS property to change the border of an element to XYZ 32.1693, 34.0133, 49.1257 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(143, 159, 182) }
```


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

```
.border{ border-color:rgb(143, 159, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 159, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 159, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 159, 182);  
box-shadow:4px 4px 4px 4px rgb(143, 159,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1693, 34.0133, 49.1257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 159, 182) }
```

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

```
.background{ background-color: rgb(143,  
159, 182) }
```

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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