

Converting Colors

XYZ(33.1703, 32.9160, 52.6147)

Have a look what the booklet for
XYZ(33.1703, 32.9160, 52.6147)
contains.

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Color

**XYZ(33.1542, 32.9406,
52.7549)**

Conversions

Conversions Part 1

Format	Color
Hex	9699BD
RGB	150, 153, 189
RGB Percent	59%, 60%, 74%
CMY	0.4118, 0.4000, 0.2588
CMYK	0.21, 0.19, 0.00, 0.26
HSL	235°, 23%, 66%
HSV	235°, 21%, 74%
XYZ	33.1542, 32.9406, 52.7549
YIQ	156.2070, -13.3440, 10.5600

Conversions

Conversions Part 2

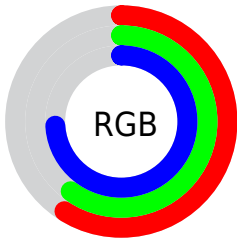
Format	Color
RYB	150, 153, 189
Decimal	9869757
CIELab	64.11, 6.65, -18.96
CIElCh	64, 20.092, 289.341
Yxy	32.9406, 0.2790, 0.2772
Android (android.graphics.Color)	4288059837 (0xFF9699BD)
YUV	156.2070, 16.1669, -5.4435
Hunter-Lab	57.3939, 2.6731, -14.3220

Details

The XYZ color **33.1542, 32.9406, 52.7549** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.0505, 48.1387, 35.8250**, and the grayscale version is **31.6275, 33.2746, 36.2360**.

A 20% lighter version of the original color is **63.9711, 64.1974, 95.4059**, and **14.3409, 13.9330, 25.2260** is the 20% darker color. If you saturate the color by 10%, you get **27.3033, 25.9916, 51.7225**, and if you desaturate by 10%, it is **39.9856, 41.0164, 53.9542**.

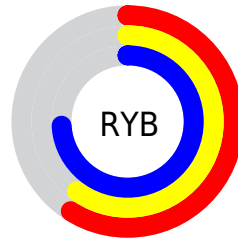
Distribution



Red (59%)

Green (60%)

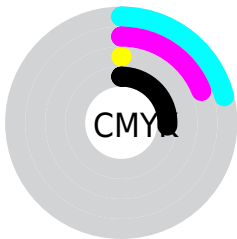
Blue (74%)



Red (59%)

Yellow (60%)

Blue (74%)

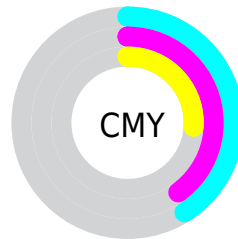


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1542, 32.9406, 52.7549 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 33.1542, 32.9406, 52.7549 by changing the saturation by 10% instead.

■ 33.1542, 32.9406,
52.7549

■ 33.1542, 32.9406,
52.7549

307.9967,
315.3820, 414.3837

■ 22.4044, 22.0809,
37.2208

■ 63.9693, 64.2828,
95.6815

■ 14.2726, 13.9164,
25.0813

■ 84.7652, 85.5341,
123.9110

■ 8.3935, 8.0625,
15.9181

109.6407,
111.0181, 157.2095

■ 4.4017, 4.1350,
9.3125

138.9609,
141.1191, 195.9953

■ 1.9318, 1.7494,
4.8460

173.0912,
176.2217, 240.6871

■ 0.5952, 0.4553,
2.1000

212.3971,

■ 0.0000, 0.0000,

216.7101, 291.7034

0.6158

257.2438,
262.9687, 349.4627

■ 0.0000, 0.0000,
0.0000

■ 33.1542, 32.9406,
52.7549

■ 33.1542, 32.9406,
52.7549

■ 27.3033, 25.9916,
51.7225

■ 39.9856, 41.0164,
53.9542

■ 22.3849, 20.1155,
50.8475

■ 47.8364, 50.2618,
55.3249

■ 18.3516, 15.2599,
50.1229

■ 56.7472, 60.7222,
56.8743

■ 15.1507, 11.3664,
49.5401

■ 66.7553, 72.4395,
58.6085

■ 12.7237, 8.3709,
49.0898

■ 77.8964, 85.4536,
60.5333

■ 11.0046, 6.2011,
48.7616

■ 86.1854, 96.4542,
62.2197

■ 9.9163, 4.7739,
48.5435

■ 9.3499, 4.0031,
48.4246

Harmonies

Analogous

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



30.3091, 32.9406, 53.5521



33.1542, 32.9406, 52.7549



35.6406, 32.9406, 47.0617

Triad

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



33.1542, 32.9406, 52.7549



35.0066, 32.9406, 25.2552



26.2394, 32.9406, 33.0490

Complementary

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



33.1542, 32.9406, 52.7549



44.0505, 48.1387, 35.8250

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.



27.3435, 32.9406, 26.6048



33.1542, 32.9406, 52.7549



32.3308, 32.9406, 22.5790

Square

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



33.1542, 32.9406, 52.7549



36.7541, 32.9406, 30.9286



29.5337, 32.9406, 23.0326



26.4303, 32.9406, 41.3043

Rectangle

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



33.1542, 32.9406, 52.7549



36.7063, 32.9406, 41.6769



29.5337, 32.9406, 23.0326



26.4687, 32.9406, 30.6233

Sweetspot

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



33.1552, 32.9419, 52.7556



77.7638, 80.7095, 97.7061



39.6123, 46.4144, 53.1868



16.5282, 17.1270, 20.9773



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



33.1552, 32.9419, 52.7556



54.1719, 52.8204, 93.5664



35.8708, 33.6217, 52.7437



9.0739, 9.3402, 11.9968



6.3137, 2.7391, 32.5888



0.2676, 0.1480, 1.2833

Inverse Universe

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



37.6432, 34.9323, 34.8970



63.7545, 57.1358, 55.4204



40.8816, 47.4536, 35.8598



9.5592, 9.5480, 10.0676



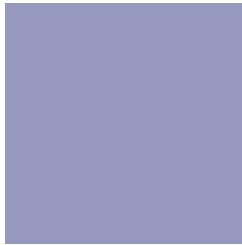
14.1876, 7.3062, 1.0157



0.5660, 0.2903, 0.0938

Previews

White Background



This preview shows how the XYZ color 33.1542, 32.9406, 52.7549 looks on a white background.

Color Contrast Check

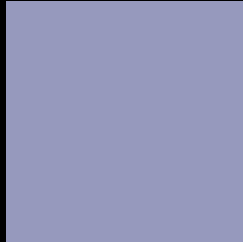
Large Text (above 18pt) WCAG AA × Fail

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 33.1542, 32.9406, 52.7549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

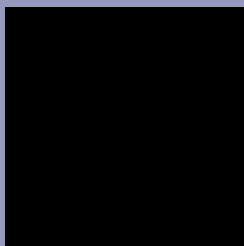
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1542, 32.9406, 52.7549

Background



This preview shows how black text looks on a background with the XYZ color 33.1542, 32.9406, 52.7549.



This preview shows how white text looks on a background with the XYZ color 33.1542, 32.9406,

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

33.1542, 32.9406, 52.7549

Protanopia

32.8825, 33.0320, 53.3579

Deuteranopia

33.5504, 32.9029, 52.7267



Tritanopia

31.0725, 33.0895, 42.2853

Trichromacy



Original Color

33.1542, 32.9406, 52.7549

Protanomaly

33.0626, 33.1248, 53.3663

Deuteranomaly

33.3624, 32.8060, 52.7179

Tritanomaly

31.7576, 33.1146, 45.7922

Monochromacy



Original Color

33.1542, 32.9406, 52.7549

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.1157, 33.1399, 41.7497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1542, 32.9406, 52.7549 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(150, 153, 189)` looks like.

```
.text, #text, p{  
    color:rgb(150, 153, 189)  
}
```

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(150, 153, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 153, 189) }
```

Border

The CSS property to change the border of an element to XYZ 33.1542, 32.9406, 52.7549 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(150, 153, 189) }
```


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

```
.border{ border-color:rgb(150, 153, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 153, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 153, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 153, 189);  
box-shadow:4px 4px 4px 4px rgb(150, 153,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1542, 32.9406, 52.7549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 153, 189) }
```

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

```
.background{ background-color: rgb(150,  
153, 189) }
```

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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