

Converting Colors

XYZ(33.1139, 32.5929, 52.1228)

Have a look what the booklet for
XYZ(33.1139, 32.5929, 52.1228)
contains.

XYZ(33.2542, 32.7627, 52.1481)	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(33.2542, 32.7627,
52.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	9898BC
RGB	152, 152, 188
RGB Percent	60%, 60%, 74%
CMY	0.4039, 0.4039, 0.2627
CMYK	0.19, 0.19, 0.00, 0.26
HSL	240°, 21%, 67%
HSV	240°, 19%, 74%
XYZ	33.2542, 32.7627, 52.1481
YIQ	156.1040, -11.5560, 11.1960

Conversions

Conversions Part 2

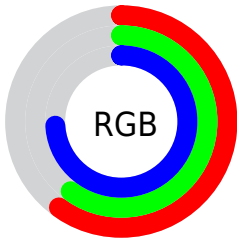
Format	Color
RYB	152, 152, 188
Decimal	10000572
CIELab	63.97, 7.63, -18.60
CIElCh	64, 20.107, 292.303
Yxy	32.7627, 0.2814, 0.2773
Android (android.graphics.Color)	4288190652 (0xFF9898BC)
YUV	156.1040, 15.7247, -3.5992
Hunter-Lab	57.2387, 3.5361, -13.9499

Details

The XYZ color **33.2542, 32.7627, 52.1481** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.3900, 48.9247, 36.8104**, and the grayscale version is **31.5829, 33.2276, 36.1849**.

A 20% lighter version of the original color is **64.1326, 63.9397, 94.5494**, and **14.2824, 13.7660, 24.8260** is the 20% darker color. If you saturate the color by 10%, you get **27.1975, 25.4649, 51.0592**, and if you desaturate by 10%, it is **40.3543, 41.3179, 53.4257**.

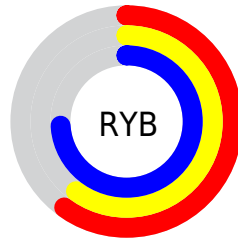
Distribution



Red (60%)

Green (60%)

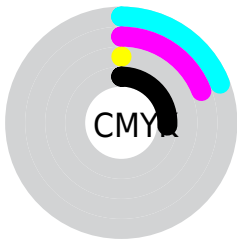
Blue (74%)



Red (60%)

Yellow (60%)

Blue (74%)

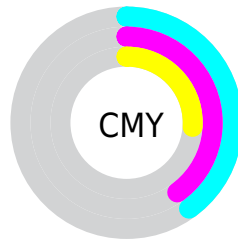


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (26%)



Cyan (40%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2542, 32.7627, 52.1481 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 33.2542, 32.7627, 52.1481 by changing the saturation by 10% instead.

■ 33.2542, 32.7627,
52.1481

■ 33.2542, 32.7627,
52.1481

308.4384,
314.5791, 411.9813

■ 22.4814, 21.9447,
36.7401

■ 64.1242, 64.0049,
94.7784

■ 14.3296, 13.8163,
24.7121

■ 84.9522, 85.1978,
122.8378

■ 8.4335, 7.9930,
15.6456

109.8625,
110.6179, 155.9514

■ 4.4277, 4.0905,
9.1221

139.2207,
140.6496, 194.5377

■ 1.9468, 1.7243,
4.7230

173.3920,
175.6771, 239.0153

■ 0.6038, 0.4393,
2.0298

212.7418,

■ 0.0000, 0.0000,

216.0849, 289.8028

0.5735

257.6355,
262.2575, 347.3186

■ 0.0000, 0.0000,
0.0000

■ 33.2542, 32.7627,
52.1481

■ 33.2542, 32.7627,
52.1481

■ 27.1975, 25.4649,
51.0592

■ 40.3543, 41.3179,
53.4257

■ 22.1321, 19.3615,
50.1481

■ 48.5405, 51.1816,
54.8982

■ 18.0062, 14.3901,
49.4060

■ 57.8567, 62.4068,
56.5738

■ 14.7621, 10.4811,
48.8225

■ 68.3435, 75.0426,
58.4601

■ 12.3356, 7.5573,
48.3860

■ 80.0397, 89.1355,
60.5638

■ 10.6539, 5.5309,
48.0835

■ 86.0772, 96.4109,
61.6499

■ 9.6314, 4.2987,
47.8996

■ 9.1147, 3.6761,
47.8067

■ 9.0773, 3.6311,
47.7999

Harmonies

Analogous

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



30.4158, 32.7627, 53.4821



33.2542, 32.7627, 52.1481



35.6540, 32.7627, 46.0926

Triad

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



33.2542, 32.7627, 52.1481



34.5925, 32.7627, 24.6941



26.0458, 32.7627, 33.6233

Complementary

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



33.2542, 32.7627, 52.1481



44.3900, 48.9247, 36.8104

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.



27.0240, 32.7627, 26.9554



33.2542, 32.7627, 52.1481



31.8755, 32.7627, 22.3342

Square

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



33.2542, 32.7627, 52.1481



36.4587, 32.7627, 30.0718



29.1173, 32.7627, 23.0943



26.3654, 32.7627, 41.9298

Rectangle

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



33.2542, 32.7627, 52.1481



36.6254, 32.7627, 40.6306



29.1173, 32.7627, 23.0943



26.2315, 32.7627, 31.1360

Sweetspot

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



33.2552, 32.7640, 52.1488



77.4482, 80.0782, 97.6009



39.9453, 46.2475, 54.0604



16.4537, 16.9781, 20.9525



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.



33.2552, 32.7640, 52.1488



55.4023, 53.5146, 93.6356



36.7542, 34.5674, 52.3125



9.0166, 9.2255, 11.9777



6.1802, 2.4722, 32.5444



0.2421, 0.0969, 1.2748

Inverse Universe

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



37.6356, 35.4157, 34.5595



64.8068, 59.2076, 55.8717



40.3589, 46.8471, 36.6218



9.5302, 9.5364, 9.9151



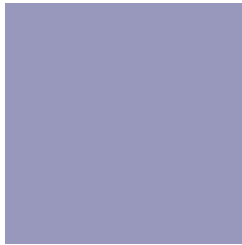
14.1203, 7.2793, 0.6610



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 33.2542, 32.7627, 52.1481 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 33.2542, 32.7627, 52.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

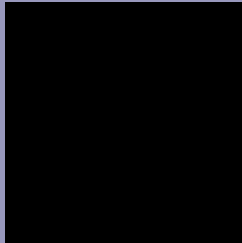
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.2542, 32.7627, 52.1481

Background



This preview shows how black text looks on a background with the XYZ color 33.2542, 32.7627, 52.1481.



This preview shows how white text looks on a background with the XYZ color 33.2542, 32.7627,

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

33.2542, 32.7627, 52.1481

Protanopia

32.6092, 32.6596, 52.7294

Deuteranopia

33.4422, 32.8596, 52.1569



Tritanopia

31.1691, 32.9000, 41.7533

Trichromacy



Original Color

33.2542, 32.7627, 52.1481

Protanomaly

32.9710, 32.8461, 52.7463

Deuteranomaly

33.4422, 32.8596, 52.1569

Tritanomaly

31.8536, 32.9274, 45.2342

Monochromacy



Original Color

33.2542, 32.7627, 52.1481

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.3068, 33.2384, 41.7587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2542, 32.7627, 52.1481 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(152, 152, 188)` looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 188)  
}
```

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(152, 152, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 188) }
```

Border

The CSS property to change the border of an element to XYZ 33.2542, 32.7627, 52.1481 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(152, 152, 188) }
```


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

```
.border{ border-color:rgb(152, 152, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 152, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 188);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2542, 32.7627, 52.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 188) }
```

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

```
.background{ background-color: rgb(152,  
152, 188) }
```

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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