

Converting Colors

XYZ(34.2672, 33.7314, 48.4211)

Have a look what the booklet for
XYZ(34.2672, 33.7314, 48.4211)
contains.

XYZ(34.2289, 33.5922, 48.3960)	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(34.2289, 33.5922,
48.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	A099B5
RGB	160, 153, 181
RGB Percent	63%, 60%, 71%
CMY	0.3725, 0.4000, 0.2902
CMYK	0.12, 0.15, 0.00, 0.29
HSL	255°, 16%, 65%
HSV	255°, 15%, 71%
XYZ	34.2289, 33.5922, 48.3960
YIQ	158.2850, -4.8160, 10.1920

Conversions

Conversions Part 2

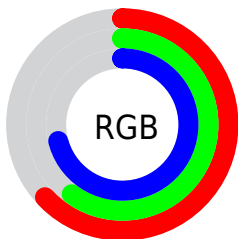
Format	Color
R_{YB}	160, 153, 181
Decimal	10525109
CIE _{Lab}	64.64, 8.16, -13.60
CIE _{LCh}	65, 15.859, 300.945
Yxy	33.5922, 0.2945, 0.2890
Android (android.graphics.Color)	4288715189 (0xFFA099B5)
YUV	158.2850, 11.1985, 1.5041
Hunter-Lab	57.9588, 3.9895, -8.9364

Details

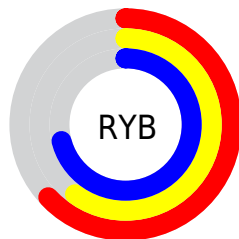
The XYZ color **34.2289, 33.5922, 48.3960** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.7304, 44.3472, 36.6044**, and the grayscale version is **32.5819, 34.2786, 37.3294**.

A 20% lighter version of the original color is **65.6232, 65.1871, 89.2444**, and **14.8320, 14.2494, 22.3908** is the 20% darker color. If you saturate the color by 10%, you get **28.9210, 26.7873, 47.3628**, and if you desaturate by 10%, it is **40.2847, 41.4515, 49.5943**.

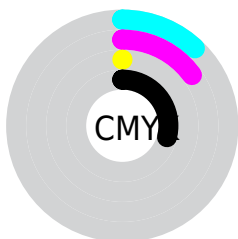
Distribution



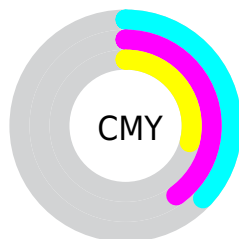
- Red (63%)
- Green (60%)
- Blue (71%)



- Red (63%)
- Yellow (60%)
- Blue (71%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (37%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2289, 33.5922, 48.3960 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 34.2289, 33.5922, 48.3960 by changing the saturation by 10% instead.

■ 34.2289, 33.5922,
48.3960

■ 34.2289, 33.5922,
48.3960

312.7195,
318.3098, 396.9135

■ 23.2332, 22.5805,
33.7784

■ 65.6314, 65.2990,
89.1654

■ 14.8875, 14.2841,
22.4474

■ 86.7689, 86.7629,
116.1542

■ 8.8262, 8.3185,
13.9846

112.0178,
112.4796, 148.1039

■ 4.6842, 4.2994,
7.9713

141.7433,
142.8336, 185.4330

■ 2.0960, 1.8424,
3.9891

176.3109,
178.2092, 228.5599

■ 0.6871, 0.5134,
1.6194

216.0859,

■ 0.0000, 0.0000,

218.9909, 277.9033

0.3046

261.4336,
265.5629, 333.8816

■ 0.0000, 0.0000,
0.0000

■ 34.2289, 33.5922,
48.3960

■ 34.2289, 33.5922,
48.3960

■ 28.9210, 26.7873,
47.3628

■ 40.2847, 41.4515,
49.5943

■ 24.3281, 20.9873,
46.4854

■ 47.1132, 50.4033,
50.9623

■ 20.4197, 16.1451,
45.7567

■ 54.7419, 60.4893,
52.5070

■ 17.1616, 12.2080,
45.1685

■ 63.1960, 71.7475,
54.2345

■ 14.5165, 9.1180,
44.7115

■ 72.4996, 84.2142,
56.1505

■ 12.4431, 6.8106,
44.3754

■ 80.5326, 93.6376,
57.5460

■ 10.8947, 5.2113,
44.1483

■ 85.3406, 96.1162,
57.7710

■ 9.8148, 4.2284,
44.0155

■ 9.4334, 3.8996,
43.9721

Harmonies

Analogous

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



32.0005, 33.5922, 50.5731



34.2289, 33.5922, 48.3960



35.9033, 33.5922, 42.9980

Triad

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



34.2289, 33.5922, 48.3960



34.0983, 33.5922, 26.6893



27.7548, 33.5922, 36.7830

Complementary

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



34.2289, 33.5922, 48.3960



39.7304, 44.3472, 36.6044

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.



28.2582, 33.5922, 30.8279



34.2289, 33.5922, 48.3960



31.8564, 33.5922, 25.4342

Square

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



34.2289, 33.5922, 48.3960



35.8254, 33.5922, 30.5100



29.7333, 33.5922, 26.8570



28.3247, 33.5922, 43.3974

Rectangle

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



34.2289, 33.5922, 48.3960



36.4418, 33.5922, 38.5818



29.7333, 33.5922, 26.8570



27.8039, 33.5922, 34.6414

Sweetspot

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



34.2299, 33.5936, 48.3967



72.5926, 74.8177, 88.9098



36.7048, 40.5623, 49.6114



15.5176, 15.9460, 19.1823



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.



34.2299, 33.5936, 48.3967



57.4891, 55.2539, 85.9297



37.0846, 35.0652, 48.5303



8.2344, 8.3294, 10.6801



6.5581, 2.7166, 30.3157



0.2607, 0.1135, 0.9564

Inverse Universe

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



38.0884, 35.6636, 44.9223



65.9293, 59.7848, 78.2015



36.8654, 42.8703, 36.4703



8.7575, 8.6097, 10.2212



16.2175, 8.0045, 16.8369



0.5320, 0.2605, 0.6440

Previews

White Background



This preview shows how the XYZ color 34.2289, 33.5922, 48.3960 looks on a white background.

Color Contrast Check

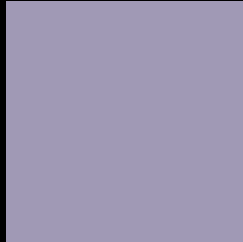
Large Text (above 18pt) WCAG AA × Fail

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 34.2289, 33.5922, 48.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

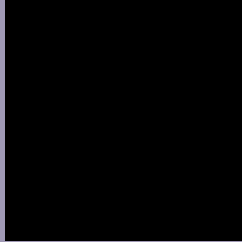
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2289, 33.5922, 48.3960

Background



This preview shows how black text looks on a background with the XYZ color 34.2289, 33.5922, 48.3960.



This preview shows how white text looks on a background with the XYZ color 34.2289, 33.5922,

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

34.2289, 33.5922, 48.3960

Protanopia

33.2175, 33.5370, 49.5223

Deuteranopia

34.2289, 33.5922, 48.3960



Tritanopia

32.8898, 33.5389, 41.7860

Trichromacy



Original Color

34.2289, 33.5922, 48.3960

Protanomaly

33.5167, 33.4572, 48.9473

Deuteranomaly

34.2289, 33.5922, 48.3960

Tritanomaly

33.3965, 33.4993, 44.2410

Monochromacy



Original Color

34.2289, 33.5922, 48.3960

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.0695, 33.9010, 40.8770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2289, 33.5922, 48.3960 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(160, 153, 181)` looks like.

```
.text, #text, p{  
    color:rgb(160, 153, 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(160, 153, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 153, 181) }
```

Border

The CSS property to change the border of an element to XYZ 34.2289, 33.5922, 48.3960 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(160, 153, 181) }
```


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

```
.border{ border-color:rgb(160, 153, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 153, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 153, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 153, 181);  
box-shadow:4px 4px 4px 4px rgb(160, 153,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2289, 33.5922, 48.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 153, 181) }
```

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

```
.background{ background-color: rgb(160,  
153, 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](#).

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