

Converting Colors

XYZ(33.0495, 32.6134, 64.9397)

Have a look what the booklet for
XYZ(33.0495, 32.6134, 64.9397)
contains.

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Color

**XYZ(33.0532, 32.6202,
64.8758)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8899D1 |
| RGB | 136, 153, 209 |
| RGB Percent | 53%, 60%, 82% |
| CMY | 0.4667, 0.4000, 0.1804 |
| CMYK | 0.35, 0.27, 0.00, 0.18 |
| HSL | 226°, 44%, 68% |
| HSV | 226°, 35%, 82% |
| XYZ | 33.0532, 32.6202, 64.8758 |
| YIQ | 154.3010, -28.1080, 13.8120 |

Conversions

Conversions Part 2

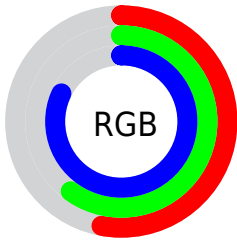
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 136, 150, 209 |
| Decimal | 8952273 |
| CIE Lab | 63.85, 7.42, -30.62 |
| CIE LCh | 64, 31.505, 283.622 |
| Yxy | 32.6202, 0.2532, 0.2499 |
| Android (android.graphics.Color) | 4287142353 (0xFF8899D1) |
| YUV | 154.3010, 26.9666, -16.0500 |
| Hunter-Lab | 57.1141, 3.3523, -27.3675 |

Details

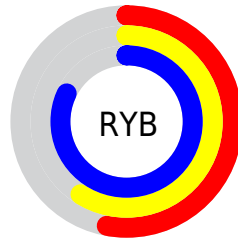
The XYZ color **33.0532, 32.6202, 64.8758** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.5887, 53.0328, 30.9164**, and the grayscale version is **30.7423, 32.3433, 35.2219**.

A 20% lighter version of the original color is **61.8487, 62.9220, 103.4931**, and **14.1514, 13.6748, 32.4655** is the 20% darker color. If you saturate the color by 10%, you get **27.5339, 26.1382, 63.9161**, and if you desaturate by 10%, it is **39.5891, 40.1511, 65.9855**.

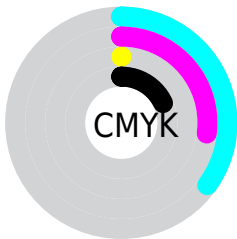
Distribution



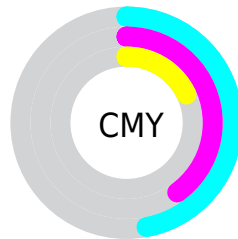
- Red (53%)
- Green (60%)
- Blue (82%)



- Red (53%)
- Yellow (59%)
- Blue (82%)



- Cyan (35%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (47%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0532, 32.6202, 64.8758 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 33.0532, 32.6202, 64.8758 by changing the saturation by 10% instead.

■ 33.0532, 32.6202,
64.8758

■ 33.0532, 32.6202,
64.8758

307.5501,
313.9348, 460.6395

■ 22.3266, 21.8357,
46.9097

■ 63.8127, 63.7821,
113.4828

■ 14.2150, 13.7362,
32.6104

■ 84.5763, 84.9283,
144.9608

■ 8.3531, 7.9374,
21.5595

■ 109.4164,
110.2971, 181.7799

■ 4.3754, 4.0549,
13.3384

138.6982,
140.2729, 224.3585

■ 1.9166, 1.7043,
7.5285

172.7871,
175.2403, 273.1152

■ 0.5865, 0.4265,
3.7113

212.0485,

■ 0.0000, 0.0000,

215.5834, 328.4686

1.4684

256.8477,
261.6868, 390.8372

■ 0.0000, 0.0000,
0.1942

■ 0.0000, 0.0000,
0.0000

■ 33.0532, 32.6202,
64.8758

■ 33.0532, 32.6202,
64.8758

■ 27.5339, 26.1382,
63.9161

■ 39.5891, 40.1511,
65.9855

■ 22.9754, 20.6535,
63.0977

■ 47.1870, 48.7719,
67.2490

■ 19.3213, 16.1155,
62.4144

■ 55.8936, 58.5257,
68.6728

■ 16.5074, 12.4677,
61.8586

■ 65.7515, 69.4523,
70.2623

■ 14.4610, 9.6466,
61.4219

■ 76.8013, 81.5895,
72.0226

■ 13.0951, 7.5791,
61.0949

■ 86.6862, 93.7385,
73.8466

■ 12.5934, 6.7728,
60.9657

■ 88.5087, 97.3835,
74.4541

Harmonies

Analogous

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



28.6653, 32.6202, 64.4233



33.0532, 32.6202, 64.8758



37.2569, 32.6202, 56.2543

Triad

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



33.0532, 32.6202, 64.8758



37.5852, 32.6202, 21.2120



23.5325, 32.6202, 29.0766

Complementary

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



33.0532, 32.6202, 64.8758



49.5887, 53.0328, 30.9164

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.



25.4940, 32.6202, 20.6293



33.0532, 32.6202, 64.8758



33.4677, 32.6202, 16.8844

Square

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



33.0532, 32.6202, 64.8758



40.0368, 32.6202, 30.0792



29.0423, 32.6202, 16.7002



23.4444, 32.6202, 41.5755

Rectangle

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



33.0532, 32.6202, 64.8758



39.2745, 32.6202, 47.4897



29.0423, 32.6202, 16.7002



23.9855, 32.6202, 25.7488

Sweetspot

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



33.0543, 32.6215, 64.8766



80.3569, 83.6285, 106.5144



42.4654, 54.6402, 58.1591



16.7891, 17.4395, 22.7312



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



33.0543, 32.6215, 64.8766



45.1579, 43.3331, 100.5918



33.9211, 29.2278, 64.1758



11.3839, 11.8581, 14.9325



7.8278, 4.3022, 37.6103



0.4999, 0.3650, 2.1237

Inverse Universe

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



40.8493, 33.4646, 34.4446



59.3417, 45.4195, 45.0941



48.3640, 58.2663, 31.9912



11.9199, 11.8527, 12.8542



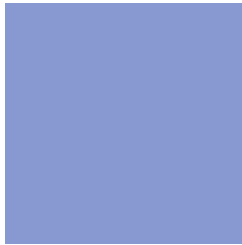
16.5818, 8.5056, 2.7042



0.9586, 0.4881, 0.3165

Previews

White Background



This preview shows how the XYZ color 33.0532, 32.6202, 64.8758 looks on a white background.

Color Contrast Check

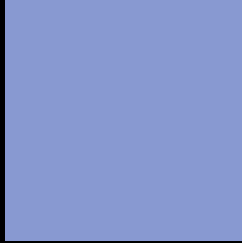
Large Text (above 18pt) WCAG AA × Fail

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 33.0532, 32.6202, 64.8758 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

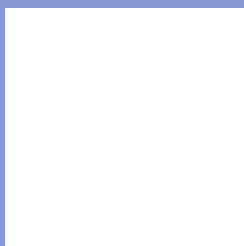
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0532, 32.6202, 64.8758

Background



This preview shows how black text looks on a background with the XYZ color 33.0532, 32.6202, 64.8758.



This preview shows how white text looks on a background with the XYZ color 33.0532, 32.6202,

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

33.0532, 32.6202, 64.8758

Protanopia

33.2181, 32.4632, 64.8368

Deuteranopia

33.3843, 32.5489, 64.8446



Tritanopia

29.0157, 32.7479, 44.3269

Trichromacy



Original Color

33.0532, 32.6202, 64.8758

Protanomaly

33.0534, 32.3783, 64.8291

Deuteranomaly

33.2181, 32.4632, 64.8368

Tritanomaly

30.2800, 32.4844, 51.1286

Monochromacy



Original Color

33.0532, 32.6202, 64.8758

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.2282, 32.3702, 44.6466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0532, 32.6202, 64.8758 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(136, 153, 209)` looks like.

```
.text, #text, p{  
    color:rgb(136, 153, 209)  
}
```

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(136, 153, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 153, 209) }
```

Border

The CSS property to change the border of an element to XYZ 33.0532, 32.6202, 64.8758 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(136, 153, 209) }
```


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

```
.border{ border-color:rgb(136, 153, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 153, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 153, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 153, 209);  
box-shadow:4px 4px 4px 4px rgb(136, 153,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0532, 32.6202, 64.8758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 153, 209) }
```

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

```
.background{ background-color: rgb(136,  
153, 209) }
```

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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