

Converting Colors

XYZ(35.3616, 33.4484, 64.9836)

Have a look what the booklet for
XYZ(35.3616, 33.4484, 64.9836)
contains.

XYZ(35.4994, 33.6392, 64.9436)	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(35.4994, 33.6392,
64.9436)**

Conversions

Conversions Part 1

Format	Color
Hex	9798D1
RGB	151, 152, 209
RGB Percent	59%, 60%, 82%
CMY	0.4078, 0.4039, 0.1804
CMYK	0.28, 0.27, 0.00, 0.18
HSL	239°, 39%, 71%
HSV	239°, 28%, 82%
XYZ	35.4994, 33.6392, 64.9436
YIQ	158.1990, -18.8930, 17.5150

Conversions

Conversions Part 2

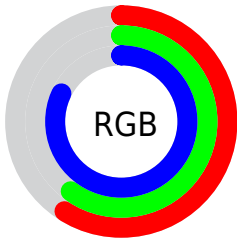
Format	Color
R_{YB}	151, 152, 209
Decimal	9935057
CIE _{Lab}	64.68, 12.34, -29.26
CIE _{LCh}	65, 31.755, 292.870
Yxy	33.6392, 0.2648, 0.2509
Android (android.graphics.Color)	4288125137 (0xFF9798D1)
YUV	158.1990, 25.0449, -6.3135
Hunter-Lab	57.9993, 7.7550, -25.7893

Details

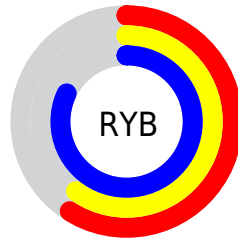
The XYZ color **35.4994, 33.6392, 64.9436** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.4371, 60.9022, 38.1656**, and the grayscale version is **32.4866, 34.1785, 37.2203**.

A 20% lighter version of the original color is **65.5749, 64.4844, 103.5983**, and **15.5234, 14.2371, 32.5017** is the 20% darker color. If you saturate the color by 10%, you get **28.9091, 25.7148, 63.7620**, and if you desaturate by 10%, it is **43.3568, 43.0753, 66.3514**.

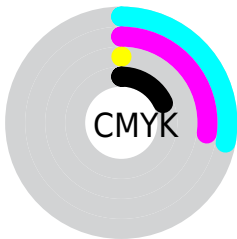
Distribution



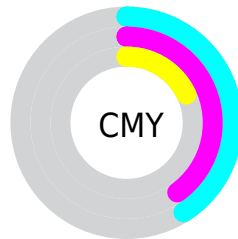
- Red (59%)
- Green (60%)
- Blue (82%)



- Red (59%)
- Yellow (60%)
- Blue (82%)



- Cyan (28%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (41%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4994, 33.6392, 64.9436 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 35.4994, 33.6392, 64.9436 by changing the saturation by 10% instead.

■ 35.4994, 33.6392,
64.9436

■ 35.4994, 33.6392,
64.9436

318.2367,
318.5202, 460.8899

■ 24.2161, 22.6166,
46.9643

■ 67.5876, 65.3722,
113.5813

■ 15.6196, 14.3106,
32.6533

■ 89.1233, 86.8514,
145.0767

■ 9.3445, 8.3370,
21.5920

114.8072,
112.5848, 181.9146

■ 5.0255, 4.3114,
13.3620

145.0046,
142.9569, 224.5135

■ 2.2971, 1.8492,
7.5446

180.0809,
178.3522, 273.2920

■ 0.7932, 0.5176,
3.7214

220.4015,

■ 0.0000, 0.0000,

219.1548, 328.6685

1.4738

266.3316,
265.7494, 391.0616

■ 0.0000, 0.0000,
0.1983

■ 0.0000, 0.0000,
0.0000

■ 35.4994, 33.6392,
64.9436

■ 35.4994, 33.6392,
64.9436

■ 28.9091, 25.7148,
63.7620

■ 43.3568, 43.0753,
66.3514

■ 23.5165, 19.2197,
62.7925

■ 52.5392, 54.0915,
67.9938

■ 19.2506, 14.0702,
62.0234

■ 63.1049, 66.7572,
69.8816

■ 16.0316, 10.1719,
61.4406

■ 75.1079, 81.1362,
72.0244

■ 13.7693, 7.4182,
61.0283

■ 88.4137, 97.1935,
74.4225

■ 12.3583, 5.6851,
60.7682

■ 88.5087, 97.3835,
74.4542

■ 11.6569, 4.8124,
60.6367

■ 11.5478, 4.6817,
60.6172

Harmonies

Analogous

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



30.8981, 33.6392, 67.5832



35.4994, 33.6392, 64.9436



39.4771, 33.6392, 53.9522

Triad

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



35.4994, 33.6392, 64.9436



37.5571, 33.6392, 20.0470



24.0454, 33.6392, 33.6010

Complementary

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



35.4994, 33.6392, 64.9436



54.4371, 60.9022, 38.1656

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.



25.4858, 33.6392, 23.4759



35.4994, 33.6392, 64.9436



33.0727, 33.6392, 16.9488

Square

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



35.4994, 33.6392, 64.9436



40.7417, 33.6392, 27.7176



28.6883, 33.6392, 18.0349



24.5625, 33.6392, 47.2670

Rectangle

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



35.4994, 33.6392, 64.9436



41.0953, 33.6392, 44.5241



28.6883, 33.6392, 18.0349



24.3117, 33.6392, 29.7243

Sweetspot

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



35.5005, 33.6405, 64.9444



81.8735, 84.2031, 106.5454



46.8345, 56.6893, 67.5485



17.0281, 17.4279, 22.7164



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.



35.5005, 33.6405, 64.9444



49.6217, 45.4807, 100.7710



40.9517, 36.2108, 65.1532



11.1798, 11.4498, 14.8645



7.1274, 2.9013, 37.3769



0.4044, 0.1740, 2.0918

Inverse Universe

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



43.0296, 37.9568, 34.7655



63.2499, 53.3193, 46.1393



47.6630, 57.7730, 37.9187



11.8169, 11.8115, 12.3116



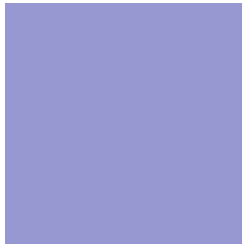
16.2283, 8.3642, 0.8424



0.9103, 0.4689, 0.0627

Previews

White Background



This preview shows how the XYZ color 35.4994, 33.6392, 64.9436 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 35.4994, 33.6392, 64.9436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

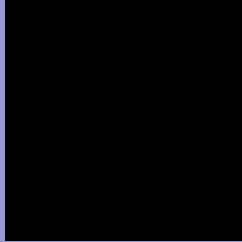
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4994, 33.6392, 64.9436

Background



This preview shows how black text looks on a background with the XYZ color 35.4994, 33.6392, 64.9436.



This preview shows how white text looks on a background with the XYZ color 35.4994, 33.6392,

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

35.4994, 33.6392, 64.9436

Protanopia

34.4637, 33.8086, 66.3373

Deuteranopia

34.3919, 33.5543, 64.9856



Tritanopia

31.1722, 33.6145, 43.8750

Trichromacy



Original Color

35.4994, 33.6392, 64.9436

Protanomaly

34.8655, 33.7841, 65.6561

Deuteranomaly

34.7539, 33.4969, 64.9554

Tritanomaly

32.4995, 33.3907, 50.6311

Monochromacy



Original Color

35.4994, 33.6392, 64.9436

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.3418, 33.9198, 46.3848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4994, 33.6392, 64.9436 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(151, 152, 209)` looks like.

```
.text, #text, p{  
    color:rgb(151, 152, 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(151, 152, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 152, 209) }
```

Border

The CSS property to change the border of an element to XYZ 35.4994, 33.6392, 64.9436 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(151, 152, 209) }
```


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

```
.border{ border-color:rgb(151, 152, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 152, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 152, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 152, 209);  
box-shadow:4px 4px 4px 4px rgb(151, 152,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4994, 33.6392, 64.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 152, 209) }
```

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

```
.background{ background-color: rgb(151,  
152, 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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