

Converting Colors

XYZ(35.6114, 33.5742, 52.1279)

Have a look what the booklet for
XYZ(35.6114, 33.5742, 52.1279)
contains.

XYZ(35.5005, 33.4429, 52.1610)	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(35.5005, 33.4429,
52.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	A596BC
RGB	165, 150, 188
RGB Percent	65%, 59%, 74%
CMY	0.3529, 0.4117, 0.2627
CMYK	0.12, 0.20, 0.00, 0.26
HSL	264°, 22%, 66%
HSV	264°, 20%, 74%
XYZ	35.5005, 33.4429, 52.1610
YIQ	158.8170, -3.2580, 14.9980

Conversions

Conversions Part 2

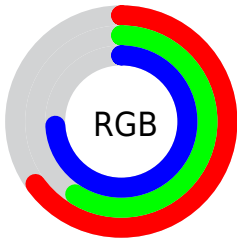
Format	Color
R_{YB}	165, 150, 188
Decimal	10852028
CIE _{Lab}	64.52, 13.02, -17.67
CIE _{LCh}	65, 21.949, 306.393
Yxy	33.4429, 0.2931, 0.2761
Android (android.graphics.Color)	4289042108 (0xFFA596BC)
YUV	158.8170, 14.3872, 5.4225
Hunter-Lab	57.8298, 8.3751, -12.9971

Details

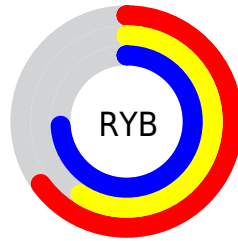
The XYZ color **35.5005, 33.4429, 52.1610** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.7230, 47.0536, 35.7917**, and the grayscale version is **32.8094, 34.5181, 37.5902**.

A 20% lighter version of the original color is **67.4372, 64.9330, 94.5670**, and **15.6451, 14.1837, 24.8348** is the 20% darker color. If you saturate the color by 10%, you get **30.4755, 26.7513, 51.1348**, and if you desaturate by 10%, it is **41.2195, 41.2085, 53.3590**.

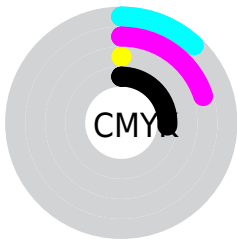
Distribution



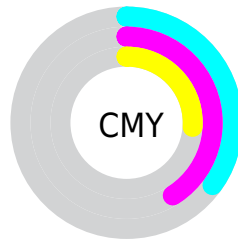
- Red (65%)
- Green (59%)
- Blue (74%)



- Red (65%)
- Yellow (59%)
- Blue (74%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (41%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5005, 33.4429, 52.1610 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 35.5005, 33.4429, 52.1610 by changing the saturation by 10% instead.

■ 35.5005, 33.4429,
52.1610

■ 35.5005, 33.4429,
52.1610

318.2415,
317.6408, 412.0325

■ 24.2170, 22.4660,
36.7503

■ 67.5893, 65.0664,
94.7976

■ 15.6203, 14.1997,
24.7199

■ 89.1254, 86.4817,
122.8606

■ 9.3450, 8.2597,
15.6514

114.8096,
112.1453, 155.9782

■ 5.0258, 4.2616,
9.1261

145.0074,
142.4415, 194.5688

■ 2.2973, 1.8209,
4.7256

180.0841,
177.7548, 239.0509

■ 0.7933, 0.5002,
2.0313

220.4052,

■ 0.0000, 0.0000,

218.4695, 289.8433

0.5744

266.3358,
264.9700, 347.3643

■ 0.0000, 0.0000,
0.0000

■ 35.5005, 33.4429,
52.1610

■ 35.5005, 33.4429,
52.1610

■ 30.4755, 26.7513,
51.1348

■ 41.2195, 41.2085,
53.3590

■ 26.1130, 21.0808,
50.2702

■ 47.6561, 50.0894,
54.7339

■ 22.3836, 16.3803,
49.5595

■ 54.8363, 60.1296,
56.2935

■ 19.2542, 12.5926,
48.9933

■ 62.7842, 71.3698,
58.0442

■ 16.6885, 9.6542,
48.5613

■ 71.5225, 83.8485,
59.9922

■ 14.6456, 7.4930,
48.2519

■ 78.5326, 92.5215,
61.2968

■ 13.0778, 6.0242,
48.0510

■ 82.3743, 94.5020,
61.4766

■ 11.9171, 5.0949,
47.9328

■ 86.0772, 96.4109,
61.6499

Harmonies

Analogous

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



32.4627, 33.4429, 56.4156



35.5005, 33.4429, 52.1610



37.6388, 33.4429, 43.7774

Triad

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



35.5005, 33.4429, 52.1610



34.2632, 33.4429, 22.7697



26.1621, 33.4429, 38.3707

Complementary

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



35.5005, 33.4429, 52.1610



40.7230, 47.0536, 35.7917

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.



26.5745, 33.4429, 29.9257



35.5005, 33.4429, 52.1610



31.1197, 33.4429, 21.8052

Square

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



35.5005, 33.4429, 52.1610



36.8923, 33.4429, 27.0975



28.3410, 33.4429, 24.2051



27.1749, 33.4429, 47.6523

Rectangle

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



35.5005, 33.4429, 52.1610



38.1931, 33.4429, 37.5111



28.3410, 33.4429, 24.2051



26.1396, 33.4429, 35.3377

Sweetspot

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



35.5015, 33.4443, 52.1617



79.3409, 81.0537, 97.6894



36.6828, 40.1697, 53.3976



16.9010, 17.2086, 20.9734



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.



35.5015, 33.4443, 52.1617



60.3818, 55.3084, 93.7193



39.6480, 35.5819, 52.3558



9.3632, 9.4041, 11.9939



8.1922, 3.5093, 32.6385



0.3948, 0.1756, 1.2819

Inverse Universe

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



39.1894, 35.5227, 44.3278



68.2881, 59.7676, 76.7707



36.8985, 45.0819, 35.6127



9.7661, 9.6307, 11.1573



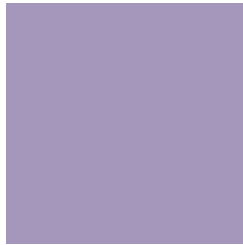
16.2176, 8.1182, 11.7054



0.6666, 0.3305, 0.6236

Previews

White Background



This preview shows how the XYZ color 35.5005, 33.4429, 52.1610 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 35.5005, 33.4429, 52.1610 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 35.5005, 33.4429, 52.1610

Background



This preview shows how black text looks on a background with the XYZ color 35.5005, 33.4429, 52.1610.



This preview shows how white text looks on a background with the XYZ color 35.5005, 33.4429,

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

35.5005, 33.4429, 52.1610

Protanopia

33.3381, 33.5002, 53.9993

Deuteranopia

34.0712, 33.4382, 51.6722



Tritanopia

33.1365, 33.4414, 40.7848

Trichromacy



Original Color

35.5005, 33.4429, 52.1610

Protanomaly

34.0119, 33.3702, 53.3637

Deuteranomaly

34.4960, 33.4153, 51.6454

Tritanomaly

33.9315, 33.5198, 44.7260

Monochromacy



Original Color

35.5005, 33.4429, 52.1610

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.8421, 34.2563, 42.8587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5005, 33.4429, 52.1610 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(165, 150, 188)` looks like.

```
.text, #text, p{  
    color:rgb(165, 150, 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(165, 150, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 150, 188) }
```

Border

The CSS property to change the border of an element to XYZ 35.5005, 33.4429, 52.1610 is called "border". The border property can be set on classes, ids or directly on the HTML element.

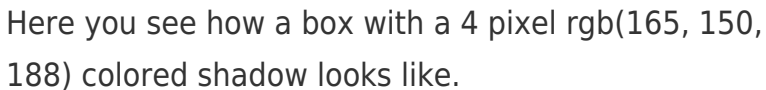
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 150, 188) }
```


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

```
.border{ border-color:rgb(165, 150, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 150, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 150, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 150, 188); box-shadow:4px 4px 4px 4px rgb(165, 150, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5005, 33.4429, 52.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 150, 188) }
```

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

```
.background{ background-color: rgb(165,  
150, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor