

Converting Colors

XYZ(35.4346, 33.4481, 45.6369)

Have a look what the booklet for
XYZ(35.4346, 33.4481, 45.6369)
contains.

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Color

**XYZ(35.5374, 33.6052,
45.6877)**

Conversions

Conversions Part 1

Format	Color
Hex	AB96B0
RGB	171, 150, 176
RGB Percent	67%, 59%, 69%
CMY	0.3294, 0.4117, 0.3098
CMYK	0.03, 0.15, 0.00, 0.31
HSL	288°, 14%, 64%
HSV	288°, 15%, 69%
XYZ	35.5374, 33.6052, 45.6877
YIQ	159.2430, 4.1700, 12.5380

Conversions

Conversions Part 2

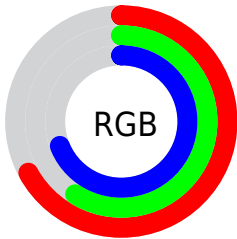
Format	Color
RYB	171, 150, 176
Decimal	11245232
CIELab	64.65, 12.59, -10.68
CIELCh	65, 16.508, 319.679
Yxy	33.6052, 0.3095, 0.2927
Android (android.graphics.Color)	4289435312 (0xFFAB96B0)
YUV	159.2430, 8.2612, 10.3109
Hunter-Lab	57.9700, 7.9785, -6.1490

Details

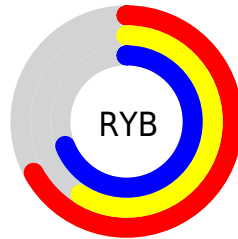
The XYZ color **35.5374, 33.6052, 45.6877** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.5491, 40.2221, 34.7985**, and the grayscale version is **33.0287, 34.7488, 37.8414**.

A 20% lighter version of the original color is **67.5224, 65.1807, 85.3662**, and **15.6447, 14.2757, 20.6698** is the 20% darker color. If you saturate the color by 10%, you get **32.2096, 28.0297, 44.7874**, and if you desaturate by 10%, it is **39.3079, 40.0370, 46.7309**.

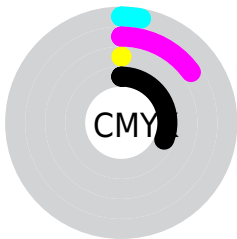
Distribution



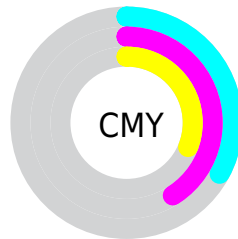
- Red (67%)
- Green (59%)
- Blue (69%)



- Red (67%)
- Yellow (59%)
- Blue (69%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)




- Cyan (33%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5374, 33.6052, 45.6877 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 35.5374, 33.6052, 45.6877 by changing the saturation by 10% instead.


 35.5374, 33.6052,
45.6877


 35.5374, 33.6052,
45.6877


318.4007,
318.3680, 385.7927

 24.2456, 22.5905,
31.6526


 67.6460, 65.3193,
85.0808

 15.6416, 14.2914,
20.8336


 89.1935, 86.7874,
111.2758

 9.3601, 8.3236,
12.8124


114.8903,
112.5087, 142.3612

 5.0358, 4.3027,
7.1703

145.1017,
142.8677, 178.7555

 2.3033, 1.8443,
3.4888

180.1931,
178.2488, 220.8773

 0.7963, 0.5146,
1.3493

220.5298,

 0.0000, 0.0000,

219.0362, 269.1450

0.1017

266.4772,
265.6145, 323.9773

■ 0.0000, 0.0000,
0.0000

■ 35.5374, 33.6052,
45.6877

■ 35.5374, 33.6052,
45.6877

■ 32.2096, 28.0297,
44.7874

■ 39.3079, 40.0370,
46.7309

■ 29.3027, 23.2686,
44.0216

■ 43.5358, 47.3559,
47.9208

■ 26.7972, 19.2829,
43.3844

■ 48.2389, 55.5967,
49.2635

■ 24.6713, 16.0287,
42.8683

■ 53.4329, 64.7907,
50.7644

■ 22.9005, 13.4579,
42.4654

■ 59.1330, 74.9681,
52.4284

■ 21.4579, 11.5161,
42.1667

■ 65.1605, 85.7712,
54.1960

■ 20.3119, 10.1410,
41.9616

■ 66.0234, 86.2161,
54.2363

■ 19.4246, 9.2568,
41.8377

■ 66.9062, 86.6712,
54.2777

■ 19.0182, 8.8990,
41.7901

■ 67.8090, 87.1366,
54.3199

Harmonies

Analogous

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



33.4978, 33.6052, 50.2846



35.5374, 33.6052, 45.6877



36.6301, 33.6052, 38.9753

Triad

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



35.5374, 33.6052, 45.6877



32.7630, 33.6052, 25.2080



27.8447, 33.6052, 41.1569

Complementary

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



35.5374, 33.6052, 45.6877



34.5491, 40.2221, 34.7985

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.



27.6697, 33.6052, 34.3048



35.5374, 33.6052, 45.6877



30.4327, 33.6052, 25.6397

Square

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



35.5374, 33.6052, 45.6877



34.9767, 33.6052, 27.5262



28.5953, 33.6052, 28.7887



29.0858, 33.6052, 47.4534

Rectangle

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



35.5374, 33.6052, 45.6877



36.6398, 33.6052, 34.4426



28.5953, 33.6052, 28.7887



27.6616, 33.6052, 38.8256

Sweetspot

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



35.5384, 33.6066, 45.6884



71.8008, 73.4902, 84.8960



32.1702, 33.1295, 45.7738



15.4437, 15.7258, 18.3657



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.5384, 33.6066, 45.6884



62.2248, 57.1923, 82.2549



35.8984, 33.8788, 41.7917



8.6867, 8.5625, 10.7012



14.0007, 6.5534, 30.6640



0.4817, 0.2274, 0.9667

Inverse Universe

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



34.7284, 33.4108, 35.6305



60.4759, 56.7797, 60.0771



34.2585, 39.9973, 38.1736



8.5609, 8.5311, 9.1864



13.3639, 6.8631, 1.8105



0.4402, 0.2238, 0.1608

Previews

White Background



This preview shows how the XYZ color 35.5374, 33.6052, 45.6877 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 35.5374, 33.6052, 45.6877 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 35.5374, 33.6052, 45.6877

Background



This preview shows how black text looks on a background with the XYZ color 35.5374, 33.6052, 45.6877.



This preview shows how white text looks on a background with the XYZ color 35.5374, 33.6052,

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

35.5374, 33.6052, 45.6877

Protanopia

33.2636, 33.8445, 47.9595

Deuteranopia

34.2334, 33.6641, 45.2510



Tritanopia

34.2913, 33.5718, 39.7946

Trichromacy



Original Color

35.5374, 33.6052, 45.6877

Protanomaly

34.1895, 33.8395, 47.3775

Deuteranomaly

34.6920, 33.6586, 45.2257

Tritanomaly

34.7121, 33.5064, 41.6837

Monochromacy



Original Color

35.5374, 33.6052, 45.6877

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.7843, 34.2801, 40.4334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5374, 33.6052, 45.6877 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(171, 150, 176)` looks like.

```
.text, #text, p{  
    color:rgb(171, 150, 176)  
}
```

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(171, 150, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 150, 176) }
```

Border

The CSS property to change the border of an element to XYZ 35.5374, 33.6052, 45.6877 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(171, 150, 176) }
```


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

```
.border{ border-color:rgb(171, 150, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 150, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 150, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 150, 176);  
box-shadow:4px 4px 4px 4px rgb(171, 150,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5374, 33.6052, 45.6877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 150, 176) }
```

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

```
.background{ background-color: rgb(171,  
150, 176) }
```

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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