

Converting Colors

XYZ(35.8175, 33.5137, 45.6553)

Have a look what the booklet for
XYZ(35.8175, 33.5137, 45.6553)
contains.

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Color

**XYZ(35.8175, 33.5137,
45.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	AD95B0
RGB	173, 149, 176
RGB Percent	68%, 58%, 69%
CMY	0.3216, 0.4157, 0.3098
CMYK	0.02, 0.15, 0.00, 0.31
HSL	293°, 15%, 64%
HSV	293°, 15%, 69%
XYZ	35.8175, 33.5137, 45.6553
YIQ	159.2540, 5.6370, 13.4850

Conversions

Conversions Part 2

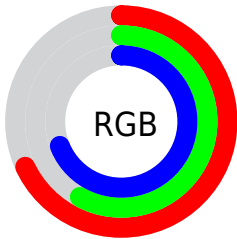
Format	Color
R _Y B	173, 149, 176
Decimal	11376048
CIE _{Lab}	64.57, 13.85, -10.77
CIE _{LCh}	65, 17.544, 322.116
Yxy	33.5137, 0.3115, 0.2915
Android (android.graphics.Color)	4289566128 (0xFFAD95B0)
YUV	159.2540, 8.2558, 12.0552
Hunter-Lab	57.8910, 9.1297, -6.2349

Details

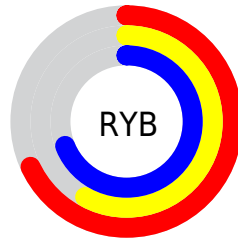
The XYZ color **35.8175, 33.5137, 45.6553** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.9002, 39.8968, 34.3495**, and the grayscale version is **33.0333, 34.7536, 37.8466**.

A 20% lighter version of the original color is **68.2345, 65.1961, 85.3317**, and **15.6886, 14.1585, 20.6449** is the 20% darker color. If you saturate the color by 10%, you get **32.8118, 28.1390, 44.7768**, and if you desaturate by 10%, it is **39.2524, 39.7362, 46.6758**.

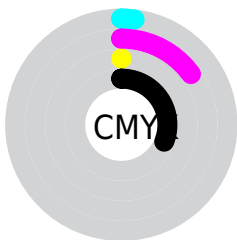
Distribution



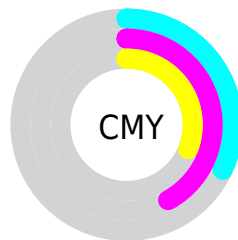
- Red (68%)
- Green (58%)
- Blue (69%)



- Red (68%)
- Yellow (58%)
- Blue (69%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)





- Cyan (32%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8175, 33.5137, 45.6553 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 35.8175, 33.5137, 45.6553 by changing the saturation by 10% instead.


 35.8175, 33.5137,
45.6553


 35.8175, 33.5137,
45.6553

319.6073,
317.9582, 385.6583

 24.4627, 22.5203,
31.6272


 68.0760, 65.1767,
85.0317

 15.8038, 14.2397,
20.8145


 89.7105, 86.6151,
111.2171

 9.4754, 8.2876,
12.7985


115.5022,
112.3039, 142.2921

 5.1121, 4.2795,
7.1609

145.8165,
142.6275, 178.6750

 2.3486, 1.8311,
3.4829

181.0189,
177.9704, 220.7846

 0.8194, 0.5064,
1.3462

221.4745,

 0.0000, 0.0000,

218.7168, 269.0393

0.0992

267.5489,
265.2513, 323.8577

■ 0.0000, 0.0000,
0.0000

■ 35.8175, 33.5137,
45.6553

■ 35.8175, 33.5137,
45.6553

■ 32.8118, 28.1390,
44.7768

■ 39.2524, 39.7362,
46.6758

■ 30.2133, 23.5700,
44.0318

■ 43.1310, 46.8373,
47.8421

■ 28.0028, 19.7677,
43.4144

■ 47.4711, 54.8518,
49.1603

■ 26.1584, 16.6881,
42.9172

■ 52.2884, 63.8113,
50.6357

■ 24.6555, 14.2826,
42.5321

■ 57.5980, 73.7458,
52.2734

■ 23.4672, 12.4968,
42.2501

■ 63.4142, 84.6839,
54.0781

■ 22.5617, 11.2676,
42.0605

■ 64.0144, 85.1804,
54.1423

■ 21.8999, 10.5167,
41.9505

■ 64.4951, 85.4282,
54.1648

■ 21.6332, 10.2471,
41.9125

■ 64.9823, 85.6794,
54.1876

Harmonies

Analogous

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



33.7059, 33.5137, 50.8550



35.8175, 33.5137, 45.6553



36.8785, 33.5137, 38.4201

Triad

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



35.8175, 33.5137, 45.6553



32.5205, 33.5137, 24.4384



27.5878, 33.5137, 41.9467

Complementary

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



35.8175, 33.5137, 45.6553



33.9002, 39.8968, 34.3495

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.



27.3075, 33.5137, 34.6270



35.8175, 33.5137, 45.6553



30.0708, 33.5137, 25.1232

Square

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



35.8175, 33.5137, 45.6553



34.9109, 33.5137, 26.6310



28.1938, 33.5137, 28.6428



28.9806, 33.5137, 48.5254

Rectangle

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



35.8175, 33.5137, 45.6553



36.8103, 33.5137, 33.6654



28.1938, 33.5137, 28.6428



27.3634, 33.5137, 39.4699

Sweetspot

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



35.8185, 33.5151, 45.6560



71.3570, 72.3717, 84.7035



31.4849, 32.0309, 45.5979



15.3660, 15.5051, 18.3272



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.



35.8185, 33.5151, 45.6560



63.2599, 57.7259, 82.3033



35.5038, 33.4668, 40.4978



8.7552, 8.5978, 10.7044



15.9031, 7.5341, 30.7530



0.5267, 0.2506, 0.9689

Inverse Universe

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



34.3206, 32.9935, 34.2668



60.0978, 56.6285, 58.0864



34.2093, 39.9564, 38.8710



8.5335, 8.5201, 9.0418



13.2380, 6.8128, 1.1476



0.4289, 0.2193, 0.1011

Previews

White Background



This preview shows how the XYZ color 35.8175, 33.5137, 45.6553 looks on a white background.

Color Contrast Check

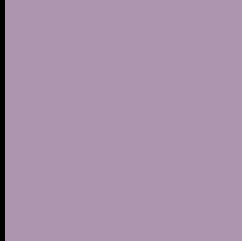
Large Text (above 18pt) WCAG AA × Fail

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 35.8175, 33.5137, 45.6553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

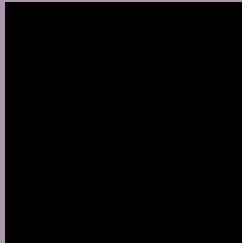
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8175, 33.5137, 45.6553

Background



This preview shows how black text looks on a background with the XYZ color 35.8175, 33.5137, 45.6553.



This preview shows how white text looks on a background with the XYZ color 35.8175, 33.5137,

45.6553.

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

35.8175, 33.5137, 45.6553

Protanopia

32.9085, 33.4134, 47.8950

Deuteranopia

34.2334, 33.6641, 45.2510



Tritanopia

34.4721, 33.4355, 39.2872

Trichromacy



Original Color

35.8175, 33.5137, 45.6553

Protanomaly

34.0251, 33.5107, 47.3227

Deuteranomaly

34.9024, 33.7671, 45.2356

Tritanomaly

34.9875, 33.4105, 41.6506

Monochromacy



Original Color

35.8175, 33.5137, 45.6553

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.8227, 34.0518, 40.3873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8175, 33.5137, 45.6553 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(173, 149, 176)` looks like.

```
.text, #text, p{  
    color:rgb(173, 149, 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(173, 149, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 149, 176) }
```

Border

The CSS property to change the border of an element to XYZ 35.8175, 33.5137, 45.6553 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(173, 149, 176) }
```


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

```
.border{ border-color:rgb(173, 149, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 149, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 149, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 149, 176);  
box-shadow:4px 4px 4px 4px rgb(173, 149,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8175, 33.5137, 45.6553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 149, 176) }
```

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

```
.background{ background-color: rgb(173,  
149, 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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