

Converting Colors

XYZ(37.5065, 37.6352, 35.5630)

Have a look what the booklet for
XYZ(37.5065, 37.6352, 35.5630)
contains.

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Color

**XYZ(37.5507, 37.6134,
35.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A199
RGB	181, 161, 153
RGB Percent	71%, 63%, 60%
CMY	0.2902, 0.3686, 0.4000
CMYK	0.00, 0.11, 0.15, 0.29
HSL	17°, 16%, 65%
HSV	17°, 15%, 71%
XYZ	37.5507, 37.6134, 35.4180
YIQ	166.0680, 14.4880, 1.7520

Conversions

Conversions Part 2

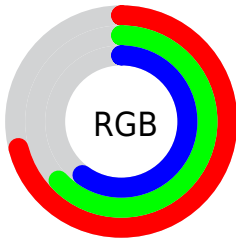
Format	Color
RYB	181, 164, 153
Decimal	11903385
CIELab	67.73, 5.96, 6.82
CIELCh	68, 9.059, 48.865
Yxy	37.6134, 0.3396, 0.3401
Android (android.graphics.Color)	4290093465 (0xFFB5A199)
YUV	166.0680, -6.4425, 13.0954
Hunter-Lab	61.3298, 1.9641, 8.6908

Details

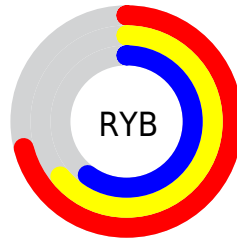
The XYZ color **37.5507, 37.6134, 35.4180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4208, 39.9948, 49.5166**, and the grayscale version is **36.3045, 38.1951, 41.5945**.

A 20% lighter version of the original color is **70.7434, 71.6213, 69.1272**, and **16.7690, 16.4858, 14.8686** is the 20% darker color. If you saturate the color by 10%, you get **34.0246, 32.7746, 27.4181**, and if you desaturate by 10%, it is **41.5393, 43.0134, 44.6918**.

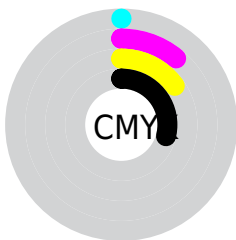
Distribution



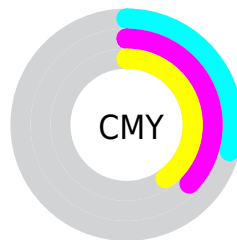
- Red (71%)
- Green (63%)
- Blue (60%)



- Red (71%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (29%)



- Cyan (29%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5507, 37.6134, 35.4180 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 37.5507, 37.6134, 35.4180 by changing the saturation by 10% instead.


 37.5507, 37.6134,
35.4180


 37.5507, 37.6134,
35.4180


327.0029,
335.9586, 341.3697

 25.8098, 25.6828,
23.6989

 70.7273, 71.5152,
69.2917

 16.8133, 16.5865,
14.9003


 92.8937, 94.2552,
92.2834

 10.1960, 9.9401,
8.6036


119.2660,
121.3670, 119.8698

 5.5923, 5.3593,
4.3903

150.2095,
153.2352, 152.4693

 2.6371, 2.4596,
1.8418

186.0896,
190.2440, 190.5005

 0.9649, 0.8563,
0.4553

227.2716,

 0.0000, 0.0000,

232.7779, 234.3819

0.0000

274.1209,
281.2214, 284.5321

■ 37.5507, 37.6134,
35.4180

■ 37.5507, 37.6134,
35.4180

■ 34.0246, 32.7746,
27.4181

■ 41.5393, 43.0134,
44.6918

■ 30.9405, 28.4738,
20.6336

■ 46.0035, 48.9869,
55.2896

■ 28.2813, 24.6934,
15.0053

■ 50.9598, 55.5521,
67.2617

■ 26.0270, 21.4131,
10.4677

■ 56.4231, 62.7249,
80.6550

■ 24.1564, 18.6110,
6.9489

■ 62.4074, 70.5206,
95.5143

■ 22.6459, 16.2637,
4.3682

■ 67.8450, 78.5214,
106.1881

■ 21.4688, 14.3453,
2.6324

■ 71.7565, 86.3445,
107.4919

■ 20.5937, 12.8270,
1.6259

■ 72.8662, 88.5638,
107.8618

■ 20.2725, 12.2563,
1.2972

Harmonies

Analogous

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



38.3588, 37.6134, 38.5119



37.5507, 37.6134, 35.4180



36.2728, 37.6134, 33.8462

Triad

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



37.5507, 37.6134, 35.4180



33.1736, 37.6134, 39.4837



36.6279, 37.6134, 48.6920

Complementary

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



37.5507, 37.6134, 35.4180



36.4208, 39.9948, 49.5166

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.



35.2331, 37.6134, 48.9945



37.5507, 37.6134, 35.4180



33.2630, 37.6134, 43.4984

Square

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



37.5507, 37.6134, 35.4180



33.7610, 37.6134, 36.0894



34.0086, 37.6134, 47.0401



37.8165, 37.6134, 46.2385

Rectangle

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



37.5507, 37.6134, 35.4180



35.3371, 37.6134, 33.7995



34.0086, 37.6134, 47.0401



36.1669, 37.6134, 49.0543

Sweetspot

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



37.5517, 37.6151, 35.4188



74.6878, 77.4288, 80.7290



37.9970, 35.6265, 44.4433



16.0297, 16.5831, 17.1827



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.5517, 37.6151, 35.4188



64.7270, 63.9148, 57.6554



40.1232, 42.7581, 36.2760



8.6876, 8.8878, 8.9102



14.0276, 8.5538, 0.9117



0.4925, 0.3713, 0.0457

Inverse Universe

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



36.4208, 39.9948, 49.5166



62.2633, 69.0934, 88.3493



33.8875, 34.9283, 48.6722



8.5333, 9.2129, 10.8348



11.2470, 13.2943, 32.1103



0.4007, 0.5119, 1.0259

Previews

White Background



This preview shows how the XYZ color 37.5507, 37.6134, 35.4180 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 37.5507, 37.6134, 35.4180 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 37.5507, 37.6134, 35.4180

Background



This preview shows how black text looks on a background with the XYZ color 37.5507, 37.6134, 35.4180.



This preview shows how white text looks on a background with the XYZ color 37.5507, 37.6134,

35.4180.

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

37.5507, 37.6134, 35.4180

Protanopia

35.7694, 37.4635, 36.3563

Deuteranopia

38.1555, 37.4105, 35.3469



Tritanopia

39.1060, 37.4613, 43.6977

Trichromacy



Original Color

37.5507, 37.6134, 35.4180

Protanomaly

36.3855, 37.5262, 35.8974

Deuteranomaly

38.0877, 37.6319, 35.3932

Tritanomaly

38.3904, 37.4217, 40.3217

Monochromacy



Original Color

37.5507, 37.6134, 35.4180

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.5031, 37.7821, 39.0870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5507, 37.6134, 35.4180 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(181, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 153)  
}
```

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(181, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 153) }
```

Border

The CSS property to change the border of an element to XYZ 37.5507, 37.6134, 35.4180 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(181, 161, 153) }
```


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

```
.border{ border-color:rgb(181, 161, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 161, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 161, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 161, 153);  
box-shadow:4px 4px 4px 4px rgb(181, 161,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5507, 37.6134, 35.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 153) }
```

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

```
.background{ background-color: rgb(181,  
161, 153) }
```

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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