

Converting Colors

XYZ(35.6508, 38.0141, 46.7868)

Have a look what the booklet for
XYZ(35.6508, 38.0141, 46.7868)
contains.

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Color

**XYZ(35.5598, 37.9401,
46.5233)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA7B0
RGB	157, 167, 176
RGB Percent	62%, 65%, 69%
CMY	0.3843, 0.3451, 0.3098
CMYK	0.11, 0.05, 0.00, 0.31
HSL	208°, 11%, 65%
HSV	208°, 11%, 69%
XYZ	35.5598, 37.9401, 46.5233
YIQ	165.0360, -8.8490, 0.6790

Conversions

Conversions Part 2

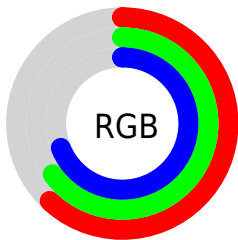
Format	Color
RYB	157, 164, 176
Decimal	10332080
CIELab	67.98, -1.68, -5.85
CIELCh	68, 6.088, 253.938
Yxy	37.9401, 0.2963, 0.3161
Android (android.graphics.Color)	4288522160 (0xFF9DA7B0)
YUV	165.0360, 5.4053, -7.0476
Hunter-Lab	61.5955, -4.7421, -1.6650

Details

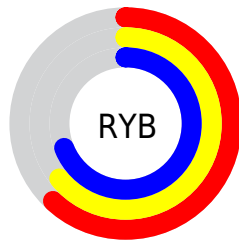
The XYZ color **35.5598, 37.9401, 46.5233** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6267, 38.9367, 37.4313**, and the grayscale version is **35.7603, 37.6226, 40.9710**.

A 20% lighter version of the original color is **67.8381, 72.0658, 86.6786**, and **15.7127, 16.7809, 21.4797** is the 20% darker color. If you saturate the color by 10%, you get **30.8925, 33.3408, 45.8821**, and if you desaturate by 10%, it is **40.8224, 42.9944, 47.2221**.

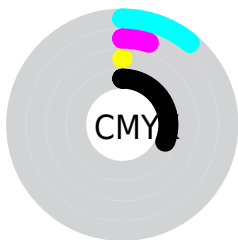
Distribution



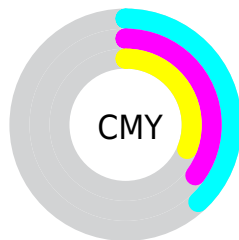
- Red (62%)
- Green (65%)
- Blue (69%)



- Red (62%)
- Yellow (64%)
- Blue (69%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5598, 37.9401, 46.5233 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 35.5598, 37.9401, 46.5233 by changing the saturation by 10% instead.

■ 35.5598, 37.9401,
46.5233

■ 35.5598, 37.9401,
46.5233

318.4973,
337.3629, 389.2470

■ 24.2629, 25.9362,
32.3073

■ 67.6804, 72.0163,
86.3441

■ 15.6546, 16.7759,
21.3296

■ 89.2349, 94.8574,
112.7861

■ 9.3694, 10.0749,
13.1715

114.9393,
122.0797, 144.1404

■ 5.0419, 5.4486,
7.4147

145.1589,
154.0676, 180.8257

■ 2.3069, 2.5128,
3.6404

180.2592,
191.2055, 223.2605

■ 0.7982, 0.8830,
1.4302

220.6054,

■ 0.0000, 0.0000,

233.8777, 271.8632

0.1651

266.5630,
282.4688, 327.0526

■ 0.0000, 0.0000,
0.0000

■ 35.5598, 37.9401,
46.5233

■ 35.5598, 37.9401,
46.5233

■ 30.8925, 33.3408,
45.8821

■ 40.8224, 42.9944,
47.2221

■ 26.7943, 29.1773,
45.2945

■ 46.6986, 48.5128,
47.9775

■ 23.2419, 25.4357,
44.7595

■ 53.2099, 54.5099,
48.7919

■ 20.2088, 22.0995,
44.2754

■ 60.3757, 60.9983,
49.6666

■ 17.6664, 19.1509,
43.8403

■ 68.2148, 67.9901,
50.6030

■ 15.5829, 16.5705,
43.4520

■ 73.8925, 74.0264,
51.4689

■ 13.9223, 14.3365,
43.1084

■ 76.0955, 78.4325,
52.2032

■ 12.6423, 12.4237,
42.8066

■ 78.4087, 83.0588,
52.9743

■ 11.7207, 10.9029,
42.5616

■ 80.8334, 87.9082,
53.7825

Harmonies

Analogous

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



34.7664, 37.9401, 45.0329



35.5598, 37.9401, 46.5233



36.5010, 37.9401, 46.5775

Triad

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



35.5598, 37.9401, 46.5233



37.8560, 37.9401, 40.0678



34.8130, 37.9401, 37.6701

Complementary

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



35.5598, 37.9401, 46.5233



37.6267, 38.9367, 37.4313

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.



35.6244, 37.9401, 36.4560



35.5598, 37.9401, 46.5233



37.3872, 37.9401, 37.7988

Square

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



35.5598, 37.9401, 46.5233



37.8380, 37.9401, 42.7690



36.5667, 37.9401, 36.5021



34.3404, 37.9401, 39.8851

Rectangle

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



35.5598, 37.9401, 46.5233



37.0864, 37.9401, 45.7865



36.5667, 37.9401, 36.5021



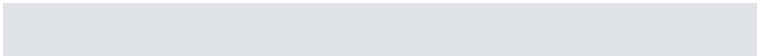
35.0545, 37.9401, 37.1358

Sweetspot

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



35.5609, 37.9417, 46.5241



71.7873, 75.8351, 85.3493



36.3013, 40.9677, 42.0072



15.3884, 16.2733, 18.4743



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.



35.5609, 37.9417, 46.5241



62.3380, 66.7087, 84.0858



33.9062, 34.6322, 45.9726



8.3998, 8.9458, 10.7903



8.6586, 8.1175, 31.2475



0.3303, 0.3712, 1.0025

Inverse Universe

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



36.9374, 36.1348, 41.5889



65.3632, 62.8193, 73.2208



39.3924, 42.4680, 38.0199



8.6770, 8.5775, 9.7975



14.6051, 7.3596, 8.3464



0.4888, 0.2433, 0.4165

Previews

White Background



This preview shows how the XYZ color 35.5598, 37.9401, 46.5233 looks on a white background.

Color Contrast Check

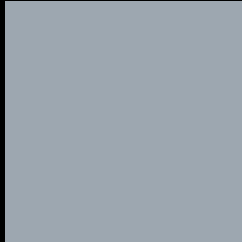
Large Text (above 18pt) WCAG AA × Fail

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 35.5598, 37.9401, 46.5233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

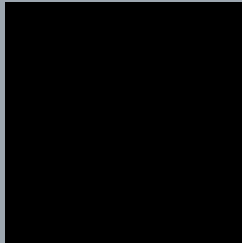
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

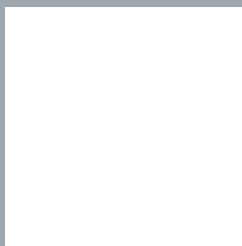
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5598, 37.9401, 46.5233

Background



This preview shows how black text looks on a background with the XYZ color 35.5598, 37.9401, 46.5233.



This preview shows how white text looks on a background with the XYZ color 35.5598, 37.9401,

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

35.5598, 37.9401, 46.5233

Protanopia

36.6413, 37.7139, 45.3927

Deuteranopia

38.5852, 37.8942, 46.8756



Tritanopia

35.9750, 37.8368, 48.5872

Trichromacy



Original Color

35.5598, 37.9401, 46.5233

Protanomaly

36.2973, 37.7919, 45.9389

Deuteranomaly

37.3952, 37.8037, 46.9209

Tritanomaly

35.8735, 37.7962, 48.0525

Monochromacy



Original Color

35.5598, 37.9401, 46.5233

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6979, 37.8184, 42.9543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5598, 37.9401, 46.5233 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(157, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(157, 167, 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(157, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 167, 176) }
```

Border

The CSS property to change the border of an element to XYZ 35.5598, 37.9401, 46.5233 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(157, 167, 176) }
```


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

```
.border{ border-color:rgb(157, 167, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 167, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 167, 176); box-shadow:4px 4px 4px 4px rgb(157, 167, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5598, 37.9401, 46.5233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 167, 176) }
```

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

```
.background{ background-color: rgb(157,  
167, 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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