

Converting Colors

XYZ(34.0891, 35.5461, 45.9995)

Have a look what the booklet for
XYZ(34.0891, 35.5461, 45.9995)
contains.

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Color

**XYZ(34.0989, 35.5929,
46.1472)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA1B0
RGB	155, 161, 176
RGB Percent	61%, 63%, 69%
CMY	0.3922, 0.3686, 0.3098
CMYK	0.12, 0.09, 0.00, 0.31
HSL	223°, 12%, 65%
HSV	223°, 12%, 69%
XYZ	34.0989, 35.5929, 46.1472
YIQ	160.9160, -8.3910, 3.3930

Conversions

Conversions Part 2

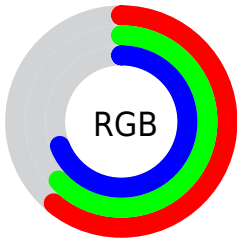
Format	Color
RYB	155, 160, 176
Decimal	10199472
CIELab	66.21, 0.94, -8.49
CIElCh	66, 8.545, 276.292
Yxy	35.5929, 0.2944, 0.3073
Android (android.graphics.Color)	4288389552 (0xFF9BA1B0)
YUV	160.9160, 7.4364, -5.1883
Hunter-Lab	59.6598, -2.3819, -4.0993

Details

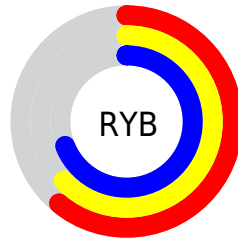
The XYZ color **34.0989, 35.5929, 46.1472** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1958, 40.3458, 36.7854**, and the grayscale version is **33.8075, 35.5681, 38.7337**.

A 20% lighter version of the original color is **65.6997, 68.6396, 86.1299**, and **14.9229, 15.5502, 21.2837** is the 20% darker color. If you saturate the color by 10%, you get **28.8772, 29.8033, 45.3055**, and if you desaturate by 10%, it is **40.0359, 42.0810, 47.0872**.

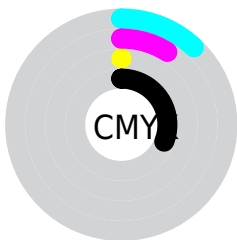
Distribution



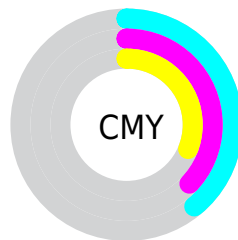
- Red (61%)
- Green (63%)
- Blue (69%)



- Red (61%)
- Yellow (63%)
- Blue (69%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0989, 35.5929, 46.1472 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 34.0989, 35.5929, 46.1472 by changing the saturation by 10% instead.

■ 34.0989, 35.5929,
46.1472

■ 34.0989, 35.5929,
46.1472

312.1510,
327.1777, 387.6949

■ 23.1328, 24.1199,
32.0125

■ 65.4307, 68.4033,
85.7759

■ 14.8129, 15.4226,
21.1061

■ 86.5272, 90.5094,
112.1069

■ 8.7736, 9.1165,
13.0096

111.7311,
116.9288, 143.3404

■ 4.6497, 4.8173,
7.3044

141.4079,
148.0458, 179.8950

■ 2.0759, 2.1404,
3.5718

175.9230,
184.2448, 222.1892

■ 0.6761, 0.6872,
1.3935

215.6416,

■ 0.0000, 0.0000,

225.9102, 270.6416

0.1367

260.9291,
273.4263, 325.6706

■ 0.0000, 0.0000,
0.0000

■ 34.0989, 35.5929,
46.1472

■ 34.0989, 35.5929,
46.1472

■ 28.8772, 29.8033,
45.3055

■ 40.0359, 42.0810,
47.0872

■ 24.3399, 24.6837,
44.5564

■ 46.7112, 49.2858,
48.1260

■ 20.4585, 20.2105,
43.8976

■ 54.1506, 57.2304,
49.2674

■ 17.2013, 16.3564,
43.3253

■ 62.3777, 65.9355,
50.5140

■ 14.5337, 13.0926,
42.8360

■ 71.4151, 75.4211,
51.8686

■ 12.4175, 10.3874,
42.4253

■ 79.1933, 84.6281,
53.2358

■ 10.8097, 8.2059,
42.0890

■ 82.9492, 92.1400,
54.4877

■ 9.6602, 6.5084,
41.8220

■ 84.8366, 95.9146,
55.1169

■ 8.9903, 5.4421,
41.6514

Harmonies

Analogous

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



32.8555, 35.5929, 45.5328



34.0989, 35.5929, 46.1472



35.2993, 35.5929, 44.6829

Triad

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



34.0989, 35.5929, 46.1472



35.8412, 35.5929, 34.7523



31.6383, 35.5929, 36.0042

Complementary

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



34.0989, 35.5929, 46.1472



38.1958, 40.3458, 36.7854

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.



32.4020, 35.5929, 33.3753



34.0989, 35.5929, 46.1472



34.8236, 35.5929, 32.6849

Square

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



34.0989, 35.5929, 46.1472



36.3214, 35.5929, 37.9916



33.5625, 35.5929, 32.1970



31.4552, 35.5929, 39.5278

Rectangle

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



34.0989, 35.5929, 46.1472



35.9070, 35.5929, 42.7759



33.5625, 35.5929, 32.1970



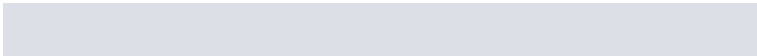
31.8347, 35.5929, 34.9936

Sweetspot

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



34.1000, 35.5944, 46.1480



70.1976, 73.6961, 85.0203



36.2708, 40.9108, 43.8671



15.0349, 15.7772, 18.3972



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.



34.1000, 35.5944, 46.1480



59.5406, 62.0151, 83.3273



33.8962, 33.9693, 45.8451



8.2332, 8.6127, 10.7348



6.6405, 4.0813, 30.5748



0.2600, 0.2306, 0.9790

Inverse Universe

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



36.0597, 35.2468, 38.6227



63.7312, 61.3243, 67.2236



38.4117, 42.1659, 37.1253



8.5929, 8.5439, 9.3548



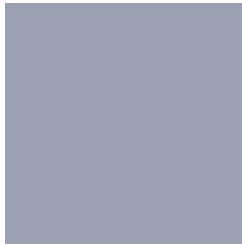
13.5865, 6.9521, 2.9823



0.4533, 0.2291, 0.2296

Previews

White Background



This preview shows how the XYZ color 34.0989, 35.5929, 46.1472 looks on a white background.

Color Contrast Check

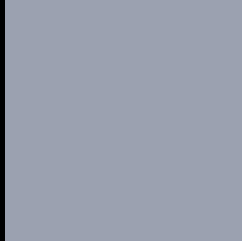
Large Text (above 18pt) WCAG AA × Fail

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 34.0989, 35.5929, 46.1472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

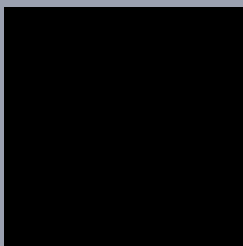
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

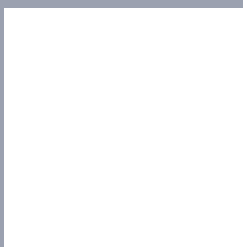
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0989, 35.5929, 46.1472

Background



This preview shows how black text looks on a background with the XYZ color 34.0989, 35.5929, 46.1472.

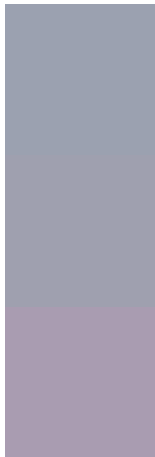


This preview shows how white text looks on a background with the XYZ color 34.0989, 35.5929,

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

34.0989, 35.5929, 46.1472

Protanopia

34.6067, 35.6077, 45.6064

Deuteranopia

36.1865, 35.3863, 46.5180



Tritanopia

33.9024, 35.5143, 45.1125

Trichromacy



Original Color

34.0989, 35.5929, 46.1472

Protanomaly

34.4092, 35.5059, 45.5972

Deuteranomaly

35.4725, 35.5206, 46.5815

Tritanomaly

34.0003, 35.5534, 45.6279

Monochromacy



Original Color

34.0989, 35.5929, 46.1472

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9259, 35.6138, 41.1625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0989, 35.5929, 46.1472 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(155, 161, 176)` looks like.

```
.text, #text, p{  
    color:rgb(155, 161, 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(155, 161, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 161, 176) }
```

Border

The CSS property to change the border of an element to XYZ 34.0989, 35.5929, 46.1472 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(155, 161, 176) }
```


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

```
.border{ border-color:rgb(155, 161, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 161, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 161, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 161, 176);  
box-shadow:4px 4px 4px 4px rgb(155, 161,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0989, 35.5929, 46.1472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 161, 176) }
```

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

```
.background{ background-color: rgb(155,  
161, 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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