

Converting Colors

XYZ(36.5231, 40.2615, 38.4700)

Have a look what the booklet for
XYZ(36.5231, 40.2615, 38.4700)
contains.

XYZ(36.5114, 40.2829, 38.6519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.5114, 40.2829,
38.6519)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AD9F
RGB	164, 173, 159
RGB Percent	64%, 68%, 62%
CMY	0.3569, 0.3216, 0.3765
CMYK	0.05, 0.00, 0.08, 0.32
HSL	99°, 8%, 65%
HSV	99°, 8%, 68%
XYZ	36.5114, 40.2829, 38.6519
YIQ	168.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

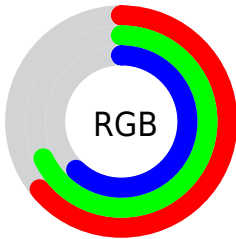
Format	Color
RYB	159, 173, 168
Decimal	10792351
CIELab	69.67, -5.80, 6.10
CIElCh	70, 8.415, 133.582
Yxy	40.2829, 0.3163, 0.3489
Android (android.graphics.Color)	4288982431 (0xFFA4AD9F)
YUV	168.7130, -4.7885, -4.1333
Hunter-Lab	63.4688, -8.3856, 8.3211

Details

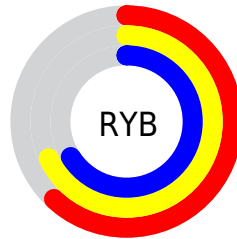
The XYZ color **36.5114, 40.2829, 38.6519** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0911, 36.1394, 44.6107**, and the grayscale version is **37.5944, 39.5523, 43.0724**.

A 20% lighter version of the original color is **69.0944, 75.4019, 74.5307**, and **16.2262, 18.2022, 16.8455** is the 20% darker color. If you saturate the color by 10%, you get **32.9181, 38.5932, 31.1878**, and if you desaturate by 10%, it is **40.5179, 42.1637, 47.2339**.

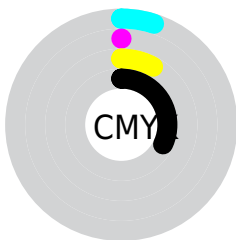
Distribution



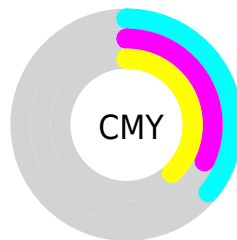
- Red (64%)
- Green (68%)
- Blue (62%)



- Red (62%)
- Yellow (68%)
- Blue (66%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)



- Cyan (36%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5114, 40.2829, 38.6519 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 36.5114, 40.2829, 38.6519 by changing the saturation by 10% instead.

■ 36.5114, 40.2829,
38.6519

■ 36.5114, 40.2829,
38.6519

322.5827,
347.3145, 355.7899

■ 25.0014, 27.7592,
26.1833

■ 69.1394, 75.5941,
74.3207

■ 16.2068, 18.1442,
16.7338

■ 90.9881, 99.1504,
98.3580

■ 9.7624, 11.0536,
9.8849

117.0136,
127.1530, 127.0886

■ 5.3027, 6.1029,
5.2181

147.5815,
159.9863, 160.9310

■ 2.4625, 2.9077,
2.3148

183.0569,
198.0347, 200.3038

■ 0.8764, 1.0838,
0.7395

223.8054,

■ 0.0000, 0.0000,

241.6826, 245.6255

0.0000

270.1922,
291.3144, 297.3147

■ 36.5114, 40.2829,
38.6519

■ 36.5114, 40.2829,
38.6519

■ 32.9181, 38.5932,
31.1878

■ 40.5179, 42.1637,
47.2339

■ 29.7209, 37.0832,
24.7931

■ 44.9474, 44.2362,
56.9744

■ 26.9063, 35.7482,
19.4195

■ 49.8135, 46.5077,
67.9154

■ 24.4587, 34.5814,
15.0140

■ 55.1282, 48.9834,
80.0958

■ 22.3614, 33.5754,
11.5187

■ 60.9030, 51.6685,
93.5528

■ 20.5961, 32.7221,
8.8699

■ 65.8666, 54.0550,
101.5699

■ 19.1428, 32.0129,
6.9953

■ 69.5667, 55.9625,
101.7430

■ 17.9785, 31.4377,
5.8106

■ 73.4990, 57.9897,
101.9271

■ 17.0695, 30.9822,
5.1752

■ 74.2344, 58.3688,
101.9615

Harmonies

Analogous

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



37.6763, 40.2829, 36.9705



36.5114, 40.2829, 38.6519



35.8314, 40.2829, 41.7763

Triad

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



36.5114, 40.2829, 38.6519



37.5526, 40.2829, 51.4521



40.8888, 40.2829, 42.1243

Complementary

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



36.5114, 40.2829, 38.6519



36.0911, 36.1394, 44.6107

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.



40.8538, 40.2829, 46.0144



36.5114, 40.2829, 38.6519



38.9057, 40.2829, 51.5590

Square

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



36.5114, 40.2829, 38.6519



36.4227, 40.2829, 49.2348



40.1207, 40.2829, 49.5188



40.2153, 40.2829, 38.8936

Rectangle

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



36.5114, 40.2829, 38.6519



35.7342, 40.2829, 44.3312



40.1207, 40.2829, 49.5188



40.9600, 40.2829, 43.3946

Sweetspot

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



36.5125, 40.2846, 38.6528



69.6455, 74.1422, 78.2892



37.4713, 39.3452, 38.4209



15.1534, 16.1211, 17.0523



82.5889, 86.8899, 94.6231



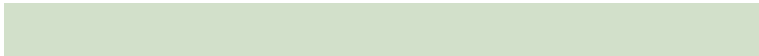
15.4596, 16.2647, 17.7123

Same Dimension

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



36.5125, 40.2846, 38.6528



63.9895, 71.4864, 66.2779



35.6641, 39.8284, 39.4653



8.1643, 9.0733, 8.5344



12.4843, 22.7330, 3.7299



0.4080, 0.6637, 0.1066

Inverse Universe

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



36.0911, 36.1394, 44.6107



63.0538, 62.2840, 79.5045



36.9967, 36.6270, 43.7165



8.0554, 8.0029, 10.0728



10.4430, 4.7434, 29.4097



0.3472, 0.1612, 0.8208

Previews

White Background



This preview shows how the XYZ color 36.5114, 40.2829, 38.6519 looks on a white background.

Color Contrast Check

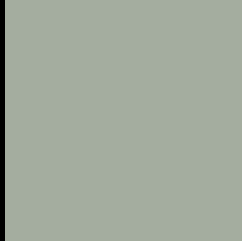
Large Text (above 18pt) WCAG AA × Fail

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 36.5114, 40.2829, 38.6519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

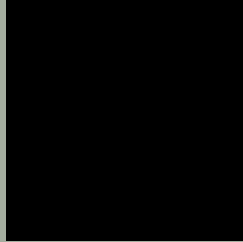
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

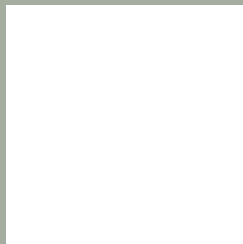
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5114, 40.2829, 38.6519

Background



This preview shows how black text looks on a background with the XYZ color 36.5114, 40.2829, 38.6519.



This preview shows how white text looks on a background with the XYZ color 36.5114, 40.2829,

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

36.5114, 40.2829, 38.6519

Protanopia

38.1783, 40.0404, 37.6146

Deuteranopia

40.9437, 40.0713, 39.2948



Tritanopia

38.8837, 40.1197, 50.4942

Trichromacy



Original Color

36.5114, 40.2829, 38.6519

Protanomaly

37.5595, 39.9887, 38.0867

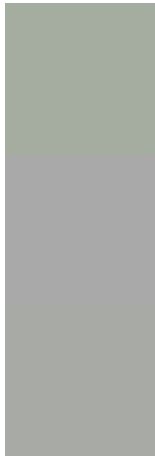
Deuteranomaly

39.2199, 39.9993, 38.9112

Tritanomaly

37.9511, 40.0209, 45.7690

Monochromacy



Original Color

36.5114, 40.2829, 38.6519

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.1026, 39.6816, 41.3011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5114, 40.2829, 38.6519 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(164, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(164, 173, 159)  
}
```

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(164, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 173, 159) }
```

Border

The CSS property to change the border of an element to XYZ 36.5114, 40.2829, 38.6519 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(164, 173, 159) }
```


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

```
.border{ border-color:rgb(164, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(164, 173,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5114, 40.2829, 38.6519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 173, 159) }
```

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

```
.background{ background-color: rgb(164,  
173, 159) }
```

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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