

Converting Colors

XYZ(36.2577, 36.3783, 40.6244)

Have a look what the booklet for
XYZ(36.2577, 36.3783, 40.6244)
contains.

XYZ(36.2029, 36.2835, 40.6926)	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(36.2029, 36.2835,
40.6926)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9FA5
RGB	172, 159, 165
RGB Percent	67%, 62%, 65%
CMY	0.3255, 0.3765, 0.3529
CMYK	0.00, 0.08, 0.04, 0.33
HSL	332°, 7%, 65%
HSV	332°, 8%, 67%
XYZ	36.2029, 36.2835, 40.6926
YIQ	163.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

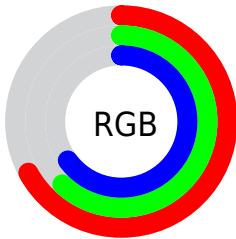
Format	Color
RYB	172, 159, 165
Decimal	11313061
CIELab	66.74, 5.82, -1.41
CIElCh	67, 5.990, 346.352
Yxy	36.2835, 0.3199, 0.3206
Android (android.graphics.Color)	4289503141 (0xFFAC9FA5)
YUV	163.5710, 0.7045, 7.3922
Hunter-Lab	60.2358, 1.8694, 2.1114

Details

The XYZ color **36.2029, 36.2835, 40.6926** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9349, 39.6301, 41.8337**, and the grayscale version is **35.0785, 36.9053, 40.1899**.

A 20% lighter version of the original color is **68.6434, 69.5913, 77.5247**, and **16.0889, 15.9104, 17.8458** is the 20% darker color. If you saturate the color by 10%, you get **32.6359, 30.4499, 35.4933**, and if you desaturate by 10%, it is **40.2447, 42.9679, 46.3524**.

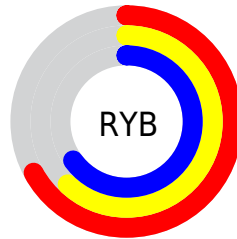
Distribution



Red (67%)

Green (62%)

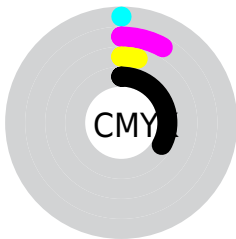
Blue (65%)



Red (67%)

Yellow (62%)

Blue (65%)

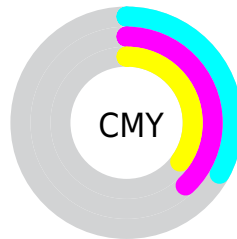


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2029, 36.2835, 40.6926 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 36.2029, 36.2835, 40.6926 by changing the saturation by 10% instead.

■ 36.2029, 36.2835,
40.6926

■ 36.2029, 36.2835,
40.6926

321.2623,
330.1980, 364.6727

■ 24.7618, 24.6532,
27.7611

■ 68.6669, 69.4694,
77.4656

■ 16.0274, 15.8189,
17.9082

■ 90.4206, 91.7939,
102.1442

■ 9.6345, 9.3961,
10.7153

116.3424,
118.4518, 131.5756

■ 5.2177, 5.0004,
5.7640

146.7978,
149.8276, 166.1782

■ 2.4116, 2.2475,
2.6356

182.1522,
186.3058, 206.3707

■ 0.8509, 0.7457,
0.9108

222.7708,

■ 0.0000, 0.0000,

228.2706, 252.5716

0.0000

269.0191,
276.1066, 305.1994

■ 36.2029, 36.2835,
40.6926

■ 36.2029, 36.2835,
40.6926

■ 32.6359, 30.4499,
35.4933

■ 40.2447, 42.9679,
46.3524

■ 29.5223, 25.4280,
30.7398

■ 44.7753, 50.5306,
52.4821

■ 26.8438, 21.1827,
26.4198

■ 49.8120, 59.0039,
59.0941

■ 24.5796, 17.6746,
22.5196

■ 55.3704, 68.4169,
66.1992

■ 22.7070, 14.8606,
19.0246

■ 61.4652, 78.7975,
73.8081

■ 21.2011, 12.6933,
15.9192

■ 65.7691, 85.4890,
81.1504

■ 20.0338, 11.1190,
13.1863

■ 67.0349, 85.9953,
87.8158

■ 19.1728, 10.0755,
10.8073

■ 68.3698, 86.5293,
94.8453

■ 18.5680, 9.4656,
8.7570

■ 69.7749, 87.0913,
102.2443

Harmonies

Analogous

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



35.7592, 36.2835, 43.0424



36.2029, 36.2835, 40.6926



36.1810, 36.2835, 38.1218

Triad

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



36.2029, 36.2835, 40.6926



33.9994, 36.2835, 34.9206



33.3007, 36.2835, 43.2186

Complementary

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



36.2029, 36.2835, 40.6926



35.9349, 39.6301, 41.8337

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.



32.8455, 36.2835, 40.9245



36.2029, 36.2835, 40.6926



33.2441, 36.2835, 36.1698

Square

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



36.2029, 36.2835, 40.6926



34.8981, 36.2835, 34.8646



32.8250, 36.2835, 38.3438



34.0779, 36.2835, 44.5432

Rectangle

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



36.2029, 36.2835, 40.6926



35.9051, 36.2835, 36.6292



32.8250, 36.2835, 38.3438



33.1056, 36.2835, 42.5308

Sweetspot

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



36.2039, 36.2851, 40.6934



69.6172, 72.3245, 79.3860



35.5577, 35.8763, 44.0810



15.1475, 15.7478, 17.2777



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.



36.2039, 36.2851, 40.6934



64.5827, 64.0247, 72.2534



35.7453, 36.2210, 37.9101



8.1532, 8.0745, 9.1175



13.7479, 6.9617, 6.3180



0.4103, 0.2048, 0.3222

Inverse Universe

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



36.2039, 36.2851, 40.6934



64.5827, 64.0247, 72.2534



36.4158, 39.6907, 44.7720



8.1532, 8.0745, 9.1175



13.7479, 6.9617, 6.3180



0.4103, 0.2048, 0.3222

Previews

White Background



This preview shows how the XYZ color 36.2029, 36.2835, 40.6926 looks on a white background.

Color Contrast Check

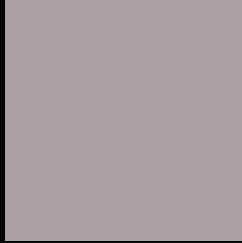
Large Text (above 18pt) WCAG AA × Fail

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 36.2029, 36.2835, 40.6926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

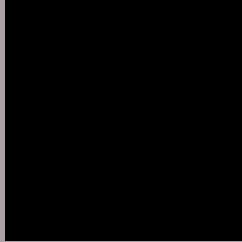
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2029, 36.2835, 40.6926

Background



This preview shows how black text looks on a background with the XYZ color 36.2029, 36.2835, 40.6926.



This preview shows how white text looks on a background with the XYZ color 36.2029, 36.2835,

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

36.2029, 36.2835, 40.6926

Protanopia

35.1131, 36.4863, 41.2683

Deuteranopia

36.9800, 36.1777, 40.6312



Tritanopia

36.8111, 36.2782, 43.5903

Trichromacy



Original Color

36.2029, 36.2835, 40.6926

Protanomaly

35.5642, 36.4584, 41.2391

Deuteranomaly

36.6976, 36.2843, 40.6667

Tritanomaly

36.6219, 36.2025, 42.5937

Monochromacy



Original Color

36.2029, 36.2835, 40.6926

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.5575, 36.7365, 40.3387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2029, 36.2835, 40.6926 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(172, 159, 165)` looks like.

```
.text, #text, p{  
    color:rgb(172, 159, 165)  
}
```

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(172, 159, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 159, 165) }
```

Border

The CSS property to change the border of an element to XYZ 36.2029, 36.2835, 40.6926 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(172, 159, 165) }
```


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

```
.border{ border-color:rgb(172, 159, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 159, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 159, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 159, 165);  
box-shadow:4px 4px 4px 4px rgb(172, 159,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2029, 36.2835, 40.6926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 159, 165) }
```

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

```
.background{ background-color: rgb(172,  
159, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor