

Converting Colors

XYZ(32.8098, 28.9759, 37.1210)

Have a look what the booklet for
XYZ(32.8098, 28.9759, 37.1210)
contains.

XYZ(32.9136, 29.0961, 37.1391)	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(32.9136, 29.0961,
37.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	B087A0
RGB	176, 135, 160
RGB Percent	69%, 53%, 63%
CMY	0.3098, 0.4706, 0.3725
CMYK	0.00, 0.23, 0.09, 0.31
HSL	323°, 21%, 61%
HSV	323°, 23%, 69%
XYZ	32.9136, 29.0961, 37.1391
YIQ	150.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

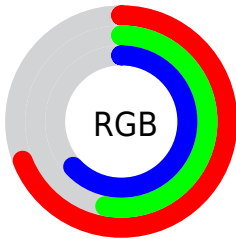
Format	Color
RYB	176, 135, 160
Decimal	11569056
CIELab	60.87, 19.79, -7.21
CIELCh	61, 21.067, 339.982
Yxy	29.0961, 0.3320, 0.2935
Android (android.graphics.Color)	4289759136 (0xFFB087A0)
YUV	150.1090, 4.8763, 22.7064
Hunter-Lab	53.9408, 14.5207, -3.0635

Details

The XYZ color **32.9136, 29.0961, 37.1391** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.1040, 38.4367, 35.0595**, and the grayscale version is **29.0114, 30.5223, 33.2388**.

A 20% lighter version of the original color is **63.7420, 58.4573, 72.2138**, and **14.1772, 11.8121, 16.0007** is the 20% darker color. If you saturate the color by 10%, you get **30.0738, 24.3514, 33.3095**, and if you desaturate by 10%, it is **36.1942, 34.6685, 41.2802**.

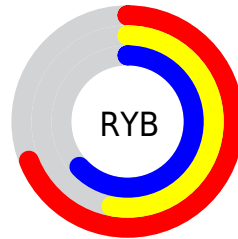
Distribution



Red (69%)

Green (53%)

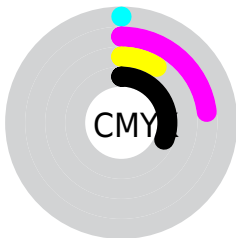
Blue (63%)



Red (69%)

Yellow (53%)

Blue (63%)

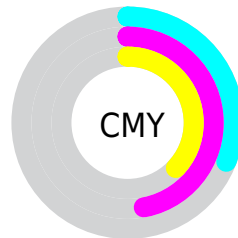


Cyan (0%)

Magenta (23%)

Yellow (9%)

Black (31%)



Cyan (31%)


Magenta (47%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9136, 29.0961, 37.1391 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 32.9136, 29.0961, 37.1391 by changing the saturation by 10% instead.


 32.9136, 29.0961,
37.1391


 32.9136, 29.0961,
37.1391


306.9321,
297.6681, 349.0992


 22.2192, 19.1535,
25.0186


 63.5962, 58.2297,
71.9754

 14.1355, 11.7813,
15.8717


 84.3151, 78.1896,
95.5282

 8.2973, 6.5949,
9.2801


 109.1062,
102.2573, 123.7289

 4.3392, 3.2101,
4.8250

138.3348,
130.8174, 156.9960

 1.8958, 1.2424,
2.0880

172.3664,
164.2540, 195.7481

 0.5744, 0.0959,
0.6086

211.5662,

 0.0000, 0.0000,

202.9518, 240.4036

0.0000

256.2997,
247.2950, 291.3811

■ 32.9136, 29.0961,
37.1391

■ 32.9136, 29.0961,
37.1391

■ 30.0738, 24.3514,
33.3095

■ 36.1942, 34.6685,
41.2802

■ 27.6519, 20.3905,
29.7800

■ 39.9322, 41.1021,
45.7397

■ 25.6264, 17.1712,
26.5412

■ 44.1464, 48.4332,
50.5269

■ 23.9732, 14.6458,
23.5823

■ 48.8536, 56.6949,
55.6497

■ 22.6651, 12.7610,
20.8913

■ 54.0699, 65.9185,
61.1160

■ 21.6710, 11.4557,
18.4551

■ 59.8108, 76.1341,
66.9332

■ 20.9539, 10.6565,
16.2582

■ 65.0600, 85.3083,
72.7649

■ 20.5750, 10.2983,
14.8997

■ 65.9241, 85.6540,
77.3155

■ 66.8254, 86.0145,
82.0613

Harmonies

Analogous

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



31.1850, 29.0961, 44.7247



32.9136, 29.0961, 37.1391



33.1826, 29.0961, 29.1335

Triad

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



32.9136, 29.0961, 37.1391



26.7506, 29.0961, 19.0092



23.8065, 29.0961, 42.4136

Complementary

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



32.9136, 29.0961, 37.1391



31.1040, 38.4367, 35.0595

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.



22.7781, 29.0961, 34.3722



32.9136, 29.0961, 37.1391



24.4020, 29.0961, 21.4569

Square

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



32.9136, 29.0961, 37.1391



29.5004, 29.0961, 19.5000



22.9886, 29.0961, 26.7852



25.8881, 29.0961, 48.1018

Rectangle

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



32.9136, 29.0961, 37.1391



32.4807, 29.0961, 24.7147



22.9886, 29.0961, 26.7852



23.3326, 29.0961, 39.8462

Sweetspot

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



32.9145, 29.0974, 37.1397



69.7271, 69.8882, 79.7897



29.2116, 27.0162, 44.7497



15.0257, 14.9990, 17.1904



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.



32.9145, 29.0974, 37.1397



56.9210, 48.1172, 63.6794



31.2871, 28.4465, 28.5704



8.7067, 8.5894, 9.9540



15.1255, 7.5677, 11.0866



0.5035, 0.2492, 0.4942

Inverse Universe

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



32.9145, 29.0974, 37.1397



56.9210, 48.1172, 63.6794



32.8893, 39.1508, 44.4604



8.7067, 8.5894, 9.9540



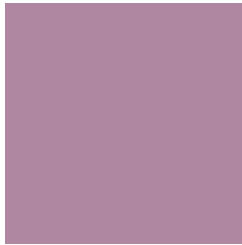
15.1255, 7.5677, 11.0866



0.5035, 0.2492, 0.4942

Previews

White Background



This preview shows how the XYZ color 32.9136, 29.0961, 37.1391 looks on a white background.

Color Contrast Check

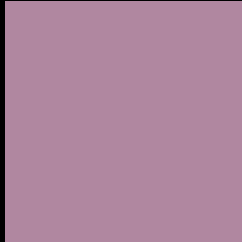
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9136, 29.0961, 37.1391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

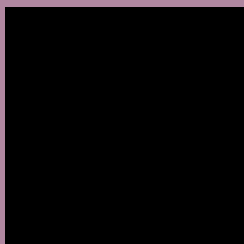
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9136, 29.0961, 37.1391

Background



This preview shows how black text looks on a background with the XYZ color 32.9136, 29.0961, 37.1391.



This preview shows how white text looks on a background with the XYZ color 32.9136, 29.0961,

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

32.9136, 29.0961, 37.1391

Protanopia

28.7555, 29.2771, 40.6947

Deuteranopia

29.7908, 29.2160, 36.8700



Tritanopia

31.7465, 29.0281, 31.9467

Trichromacy



Original Color

32.9136, 29.0961, 37.1391

Protanomaly

30.0841, 29.0943, 39.1521

Deuteranomaly

30.7403, 29.0459, 36.7871

Tritanomaly

32.1509, 28.9893, 33.6067

Monochromacy



Original Color

32.9136, 29.0961, 37.1391

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.2562, 29.9548, 34.7590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9136, 29.0961, 37.1391 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(176, 135, 160)` looks like.

```
.text, #text, p{  
    color:rgb(176, 135, 160)  
}
```

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(176, 135, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 135, 160) }
```

Border

The CSS property to change the border of an element to XYZ 32.9136, 29.0961, 37.1391 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(176, 135, 160) }
```


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

```
.border{ border-color:rgb(176, 135, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 135, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 135, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 135, 160);  
box-shadow:4px 4px 4px 4px rgb(176, 135,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9136, 29.0961, 37.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 135, 160) }
```

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

```
.background{ background-color: rgb(176,  
135, 160) }
```

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