

Converting Colors

XYZ(36.2709, 29.4445, 51.6008)

Have a look what the booklet for
XYZ(36.2709, 29.4445, 51.6008)
contains.

XYZ(36.3511, 29.5412, 51.3631)	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(36.3511, 29.5412,
51.3631)**

Conversions

Conversions Part 1

Format	Color
Hex	B682BC
RGB	182, 130, 188
RGB Percent	71%, 51%, 74%
CMY	0.2863, 0.4902, 0.2627
CMYK	0.03, 0.31, 0.00, 0.26
HSL	294°, 30%, 62%
HSV	294°, 31%, 74%
XYZ	36.3511, 29.5412, 51.3631
YIQ	152.1600, 12.3740, 29.0620

Conversions

Conversions Part 2

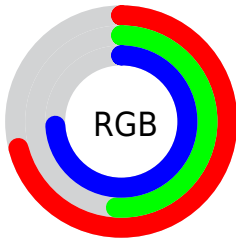
Format	Color
R_{YB}	182, 130, 188
Decimal	11961020
CIE _{Lab}	61.26, 29.93, -22.49
CIE _{LCh}	61, 37.441, 323.083
Yxy	29.5412, 0.3100, 0.2519
Android (android.graphics.Color)	4290151100 (0xFFB682BC)
YUV	152.1600, 17.6691, 26.1697
Hunter-Lab	54.3518, 24.2671, -17.9835

Details

The XYZ color **36.3511, 29.5412, 51.3631** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.1669, 42.8132, 27.6890**, and the grayscale version is **29.8373, 31.3911, 34.1849**.

A 20% lighter version of the original color is **69.0662, 59.1634, 93.3674**, and **16.1439, 12.0758, 24.4017** is the 20% darker color. If you saturate the color by 10%, you get **33.6194, 24.7544, 50.5836**, and if you desaturate by 10%, it is **39.5479, 35.2476, 52.2965**.

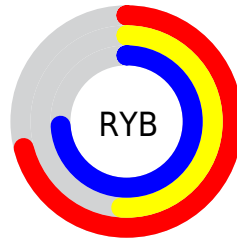
Distribution



Red (71%)

Green (51%)

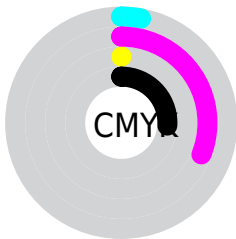
Blue (74%)



Red (71%)

Yellow (51%)

Blue (74%)

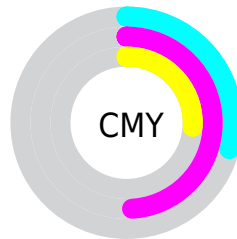


Cyan (3%)

Magenta (31%)

Yellow (0%)

Black (26%)



Cyan (29%)


Magenta (49%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3511, 29.5412, 51.3631 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 36.3511, 29.5412, 51.3631 by changing the saturation by 10% instead.


 36.3511, 29.5412,
51.3631


 36.3511, 29.5412,
51.3631


321.8971,
299.7600, 408.8596

 24.8768, 19.4906,
36.1189

 68.8940, 58.9359,
93.6083

 16.1136, 12.0253,
24.2356


 90.6933, 79.0487,
121.4463

 9.6959, 6.7609,
15.2947


 116.6650,
103.2844, 154.3194

 5.2585, 3.3130,
8.8776

147.1745,
132.0274, 192.6461

 2.4360, 1.2973,
4.5657

182.5871,
165.6621, 236.8450

 0.8631, 0.1391,
1.9405

223.2681,

 0.0000, 0.0000,

204.5728, 287.3345

0.5183

269.5830,
249.1440, 344.5332

■ 0.0000, 0.0000,
0.0000

■ 36.3511, 29.5412,
51.3631

■ 36.3511, 29.5412,
51.3631

■ 33.6194, 24.7544,
50.5836

■ 39.5479, 35.2476,
52.2965

■ 31.3251, 20.8335,
49.9477

■ 43.2301, 41.9157,
53.3895

■ 29.4418, 17.7252,
49.4470

■ 47.4200, 49.5899,
54.6499

■ 27.9391, 15.3688,
49.0714

■ 52.1379, 58.3104,
56.0845

■ 26.7822, 13.6949,
48.8092

■ 57.4029, 68.1153,
57.6996

■ 25.9302, 12.6212,
48.6469

■ 63.2330, 79.0410,
59.5011

■ 25.3434, 12.0164,
48.5611

■ 67.5022, 86.8351,
60.7805

■ 68.0101, 87.0969,
60.8043

■ 68.5246, 87.3622,
60.8284

Harmonies

Analogous

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



31.9573, 29.5412, 64.1261



36.3511, 29.5412, 51.3631



38.5684, 29.5412, 35.5438

Triad

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



36.3511, 29.5412, 51.3631



29.2341, 29.5412, 12.0536



20.2355, 29.5412, 44.0146

Complementary

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



36.3511, 29.5412, 51.3631



32.1669, 42.8132, 27.6890

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.



19.6865, 29.5412, 29.0081



36.3511, 29.5412, 51.3631



24.5261, 29.5412, 13.1092

Square

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



36.3511, 29.5412, 51.3631



34.1596, 29.5412, 14.9880



21.1663, 29.5412, 18.4691



22.7648, 29.5412, 59.0895

Rectangle

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



36.3511, 29.5412, 51.3631



38.3502, 29.5412, 26.4079



21.1663, 29.5412, 18.4691



19.8264, 29.5412, 38.7041

Sweetspot

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



36.3520, 29.5425, 51.3637



79.5736, 78.2014, 97.1266



27.1968, 26.2032, 51.2017



16.8857, 16.4042, 20.8189



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.3520, 29.5425, 51.3637



62.4466, 47.5010, 92.1035



35.5842, 29.4026, 39.7651



9.8301, 9.6448, 12.0157



17.2917, 8.2003, 33.0643



0.7056, 0.3358, 1.2965

Inverse Universe

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



33.1667, 28.4355, 27.0346



55.8433, 45.2274, 40.7166



32.8768, 42.9877, 36.3720



9.5692, 9.5520, 10.1205



14.2164, 7.3177, 1.1674



0.5704, 0.2921, 0.1172

Previews

White Background



This preview shows how the XYZ color 36.3511, 29.5412, 51.3631 looks on a white background.

Color Contrast Check

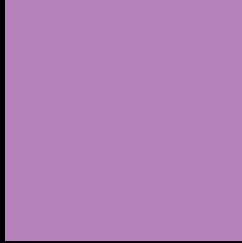
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3511, 29.5412, 51.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

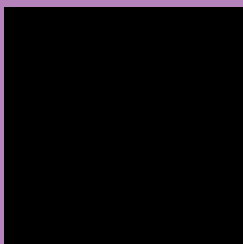
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.3511, 29.5412, 51.3631

Background



This preview shows how black text looks on a background with the XYZ color 36.3511, 29.5412, 51.3631.



This preview shows how white text looks on a background with the XYZ color 36.3511, 29.5412,

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

36.3511, 29.5412, 51.3631

Protanopia

30.3771, 29.7144, 58.7780

Deuteranopia

30.3840, 29.6829, 50.0269



Tritanopia

32.3383, 29.5452, 32.0154

Trichromacy



Original Color

36.3511, 29.5412, 51.3631

Protanomaly

32.1044, 29.3210, 56.1920

Deuteranomaly

32.3416, 29.5704, 50.4575

Tritanomaly

33.6349, 29.4373, 38.5595

Monochromacy



Original Color

36.3511, 29.5412, 51.3631

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.8690, 30.4497, 39.7950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3511, 29.5412, 51.3631 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(182, 130, 188)` looks like.

```
.text, #text, p{  
    color:rgb(182, 130, 188)  
}
```

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(182, 130, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 130, 188) }
```

Border

The CSS property to change the border of an element to XYZ 36.3511, 29.5412, 51.3631 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(182, 130, 188) }
```


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

```
.border{ border-color:rgb(182, 130, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 130, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 130, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 130, 188); box-shadow:4px 4px 4px 4px rgb(182, 130, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3511, 29.5412, 51.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 130, 188) }
```

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

```
.background{ background-color: rgb(182,  
130, 188) }
```

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