

Converting Colors

XYZ(36.7298, 29.6797, 53.0837)

Have a look what the booklet for
XYZ(36.7298, 29.6797, 53.0837)
contains.

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Color

**XYZ(36.6780, 29.6719,
53.0843)**

Conversions

Conversions Part 1

Format	Color
Hex	B682BF
RGB	182, 130, 191
RGB Percent	71%, 51%, 75%
CMY	0.2863, 0.4902, 0.2510
CMYK	0.05, 0.32, 0.00, 0.25
HSL	291°, 32%, 63%
HSV	291°, 32%, 75%
XYZ	36.6780, 29.6719, 53.0843
YIQ	152.5020, 11.4110, 29.9950

Conversions

Conversions Part 2

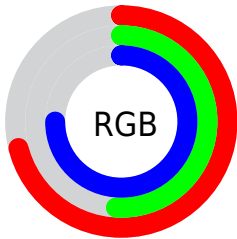
Format	Color
R_{YB}	182, 130, 191
Decimal	11961023
CIE _{Lab}	61.37, 30.53, -24.01
CIE _{LCh}	61, 38.841, 321.812
Yxy	29.6719, 0.3071, 0.2484
Android (android.graphics.Color)	4290151103 (0xFFB682BF)
YUV	152.5020, 18.9795, 25.8697
Hunter-Lab	54.4719, 24.8649, -19.6493

Details

The XYZ color **36.6780, 29.6719, 53.0843** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.3085, 44.3630, 27.9278**, and the grayscale version is **29.9798, 31.5410, 34.3482**.

A 20% lighter version of the original color is **69.6804, 59.4090, 96.6015**, and **16.2861, 12.1327, 25.1504** is the 20% darker color. If you saturate the color by 10%, you get **33.7109, 24.7151, 52.2844**, and if you desaturate by 10%, it is **40.1320, 35.5813, 54.0433**.

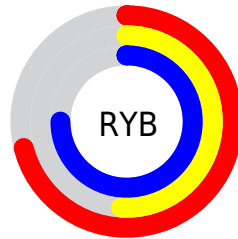
Distribution



Red (71%)

Green (51%)

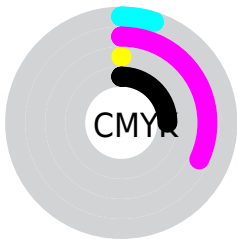
Blue (75%)



Red (71%)

Yellow (51%)

Blue (75%)

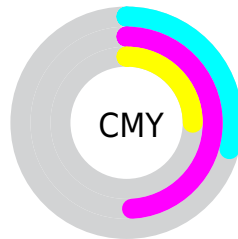


Cyan (5%)

Magenta (32%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (49%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6780, 29.6719, 53.0843 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 36.6780, 29.6719, 53.0843 by changing the saturation by 10% instead.


 36.6780, 29.6719,
53.0843

 36.6780, 29.6719,
53.0843


323.2941,
300.3721, 415.6839


 25.1308, 19.5897,
37.4819


 69.3943, 59.1429,
96.1712

 16.3038, 12.0971,
25.2821


 91.2942, 79.3005,
124.4928

 9.8316, 6.8099,
16.0664

 117.3756,
103.5854, 157.8912

 5.3488, 3.3435,
9.4163

148.0040,
132.3818, 196.7849

 2.4902, 1.3136,
4.9132

183.5447,
166.0744, 241.5925

 0.8903, 0.1517,
2.1386

224.3630,

 0.0000, 0.0000,

205.0473, 292.7325

0.6386

270.8244,
249.6851, 350.6234

■ 0.0000, 0.0000,
0.0000

■ 36.6780, 29.6719,
53.0843

■ 36.6780, 29.6719,
53.0843

■ 33.7109, 24.7151,
52.2844

■ 40.1320, 35.5813,
54.0433

■ 31.2015, 20.6547,
51.6329

■ 44.0942, 42.4876,
55.1676

■ 29.1221, 17.4347,
51.1210

■ 48.5881, 50.4373,
56.4651

■ 27.4406, 14.9908,
50.7379

■ 53.6348, 59.4725,
57.9431

■ 26.1203, 13.2498,
50.4714

■ 59.2545, 69.6331,
59.6081

■ 25.1172, 12.1242,
50.3070

■ 65.4660, 80.9570,
61.4665

■ 24.4717, 11.5293,
50.2262

■ 69.4474, 87.8001,
62.5775

■ 70.2156, 88.1961,
62.6134

■ 70.9977, 88.5994,
62.6500

Harmonies

Analogous

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



32.0244, 29.6719, 66.2291



36.6780, 29.6719, 53.0843



39.1234, 29.6719, 36.4958

Triad

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



36.6780, 29.6719, 53.0843



29.6290, 29.6719, 11.6513



20.0073, 29.6719, 43.9690

Complementary

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



36.6780, 29.6719, 53.0843



33.3085, 44.3630, 27.9278

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.



19.5299, 29.6719, 28.4528



36.6780, 29.6719, 53.0843



24.6970, 29.6719, 12.5515

Square

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



36.6780, 29.6719, 53.0843



34.7436, 29.6719, 14.8153



21.1445, 29.6719, 17.8125



22.5383, 29.6719, 59.9527

Rectangle

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



36.6780, 29.6719, 53.0843



38.9889, 29.6719, 26.8682



21.1445, 29.6719, 17.8125



19.6147, 29.6719, 38.4358

Sweetspot

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



36.6790, 29.6732, 53.0849



80.3320, 78.4865, 99.1946



27.8654, 27.0174, 53.0369



17.4006, 16.8134, 21.7135



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.6790, 29.6732, 53.0849



62.0544, 47.0415, 94.0884



36.6920, 29.9319, 41.7013



9.7879, 9.6230, 12.0138



16.1356, 7.6043, 33.0102



0.6703, 0.3176, 1.2948

Inverse Universe

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



34.1296, 28.9069, 28.2080



56.9269, 45.5357, 42.4569



33.4521, 44.2539, 36.2073



9.5860, 9.5587, 10.2089



14.2782, 7.3424, 1.4925



0.5778, 0.2950, 0.1561

Previews

White Background



This preview shows how the XYZ color 36.6780, 29.6719, 53.0843 looks on a white background.

Color Contrast Check

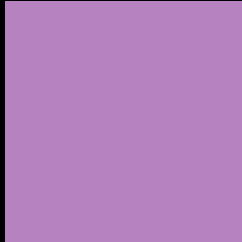
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6780, 29.6719, 53.0843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

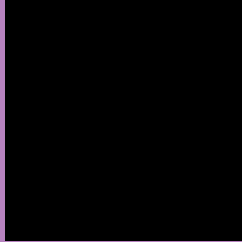
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6780, 29.6719, 53.0843

Background



This preview shows how black text looks on a background with the XYZ color 36.6780, 29.6719, 53.0843.



This preview shows how white text looks on a background with the XYZ color 36.6780, 29.6719,

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

36.6780, 29.6719, 53.0843

Protanopia

30.5741, 29.7751, 60.6357

Deuteranopia

30.5113, 29.9394, 51.7477



Tritanopia

32.4178, 29.5770, 32.4341

Trichromacy



Original Color

36.6780, 29.6719, 53.0843

Protanomaly

32.2646, 29.3637, 58.0001

Deuteranomaly

32.4680, 29.5984, 52.1459

Tritanomaly

33.7249, 29.4733, 39.0334

Monochromacy



Original Color

36.6780, 29.6719, 53.0843

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.4103, 30.9333, 40.8217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6780, 29.6719, 53.0843 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 130, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 130, 191) }
```

Border

The CSS property to change the border of an element to XYZ 36.6780, 29.6719, 53.0843 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, 191) }
```


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

```
.border{ border-color:rgb(182, 130, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 130, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 130, 191); box-shadow:4px 4px 4px 4px rgb(182, 130, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6780, 29.6719, 53.0843 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, 191) }
```

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

```
.background{ background-color: rgb(182,  
130, 191) }
```

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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