

Converting Colors

XYZ(30.2187, 20.4591, 37.6578)

Have a look what the booklet for
XYZ(30.2187, 20.4591, 37.6578)
contains.

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Color

**XYZ(30.2952, 20.5250,
37.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	B85CA4
RGB	184, 92, 164
RGB Percent	72%, 36%, 64%
CMY	0.2784, 0.6392, 0.3569
CMYK	0.00, 0.50, 0.11, 0.28
HSL	313°, 39%, 54%
HSV	313°, 50%, 72%
XYZ	30.2952, 20.5250, 37.4869
YIQ	127.7160, 31.7200, 41.8960

Conversions

Conversions Part 2

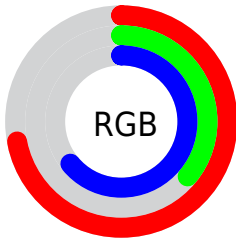
Format	Color
RYB	184, 92, 164
Decimal	12082340
CIELab	52.43, 46.61, -22.20
CIELCh	52, 51.624, 334.531
Yxy	20.5250, 0.3431, 0.2324
Android (android.graphics.Color)	4290272420 (0xFFB85CA4)
YUV	127.7160, 17.8880, 49.3611
Hunter-Lab	45.3045, 40.0803, -17.3459

Details

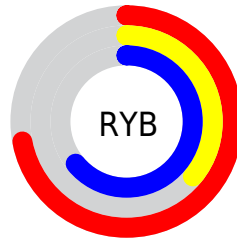
The XYZ color **30.2952, 20.5250, 37.4869** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.4798, 37.7269, 21.3226**, and the grayscale version is **20.3526, 21.4125, 23.3183**.

A 20% lighter version of the original color is **59.5295, 44.2425, 72.4199**, and **12.7034, 7.2880, 16.0664** is the 20% darker color. If you saturate the color by 10%, you get **28.5351, 17.5735, 35.1458**, and if you desaturate by 10%, it is **32.4551, 24.2571, 40.0177**.

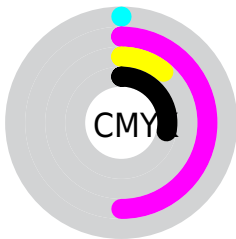
Distribution



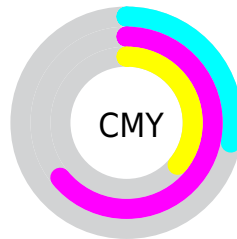
- Red (72%)
- Green (36%)
- Blue (64%)



- Red (72%)
- Yellow (36%)
- Blue (64%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (28%)





- Cyan (28%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2952, 20.5250, 37.4869 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 30.2952, 20.5250, 37.4869 by changing the saturation by 10% instead.

 30.2952, 20.5250,
37.4869


 30.2952, 20.5250,
37.4869


295.1632,
254.7432, 350.6457


 20.2119, 12.7772,
25.2860


 59.5121, 44.2956,
72.5157


 12.6584, 7.2753,
16.0693

 79.3765, 61.0873,
96.1806

 7.2691, 3.6349,
9.4183


 103.2320, 81.6624,
124.5039

 3.6788, 1.4715,
4.9145

 131.4439,
106.4054, 157.9042

 1.5221, 0.2685,
2.1393

164.3777,
135.7005, 196.8000

 0.3408, 0.0000,
0.6390

202.3986,

 0.0000, 0.0000,

169.9323, 241.6098

0.0000

245.8720,
209.4851, 292.7522

■ 30.2952, 20.5250,
37.4869

■ 30.2952, 20.5250,
37.4869

■ 28.5351, 17.5735,
35.1458

■ 32.4551, 24.2571,
40.0177

■ 27.1441, 15.3426,
32.9832

■ 35.0385, 28.8183,
42.7460

■ 26.0904, 13.7685,
30.9880

■ 38.0697, 34.2564,
45.6807

■ 25.3356, 12.7744,
29.1470

■ 41.5704, 40.6150,
48.8294

■ 24.8014, 12.2042,
27.4336

■ 45.5610, 47.9345,
52.1994

■ 24.8013, 12.2040,
27.4332

■ 50.0606, 56.2530,
55.7977

■ 55.0873, 65.6067,
59.6306

■ 60.6583, 76.0296,
63.7044

■ 65.9531, 85.8808,
67.7461

Harmonies

Analogous

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



25.9104, 20.5250, 56.2768



30.2952, 20.5250, 37.4869



31.6057, 20.5250, 20.1098

Triad

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



30.2952, 20.5250, 37.4869



18.7103, 20.5250, 4.0048



12.2277, 20.5250, 43.4445

Complementary

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



30.2952, 20.5250, 37.4869



24.4798, 37.7269, 21.3226

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.



10.9747, 20.5250, 24.7470



30.2952, 20.5250, 37.4869



14.2587, 20.5250, 5.8450

Square

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



30.2952, 20.5250, 37.4869



24.2534, 20.5250, 4.9475



11.6445, 20.5250, 11.9574



15.4266, 20.5250, 60.6766

Rectangle

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



30.2952, 20.5250, 37.4869



30.3903, 20.5250, 12.2466



11.6445, 20.5250, 11.9574



11.5943, 20.5250, 36.8758

Sweetspot

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



30.2959, 20.5260, 37.4873



71.9146, 67.3570, 85.4678



19.1535, 14.5565, 47.1482



15.2223, 14.0111, 18.1701



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.2959, 20.5260, 37.4873



51.4438, 31.3921, 63.3018



26.8692, 19.1553, 19.4427



9.2951, 9.1284, 10.9013



17.1197, 8.4216, 19.0488



0.6246, 0.3053, 0.7826

Inverse Universe

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



30.2959, 20.5260, 37.4873



51.4438, 31.3921, 63.3018



27.7208, 39.0234, 38.3899



9.2951, 9.1284, 10.9013



17.1197, 8.4216, 19.0488



0.6246, 0.3053, 0.7826

Previews

White Background



This preview shows how the XYZ color 30.2952, 20.5250, 37.4869 looks on a white background.

Color Contrast Check

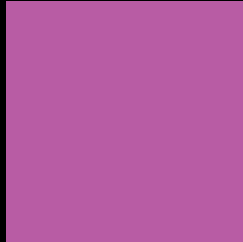
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2952, 20.5250, 37.4869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

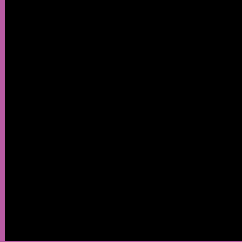
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2952, 20.5250, 37.4869

Background



This preview shows how black text looks on a background with the XYZ color 30.2952, 20.5250, 37.4869.



This preview shows how white text looks on a background with the XYZ color 30.2952, 20.5250,

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

30.2952, 20.5250, 37.4869

Protanopia

21.7536, 20.6803, 50.4221

Deuteranopia

21.2261, 20.7341, 35.6842



Tritanopia

26.1797, 20.5133, 17.6186

Trichromacy



Original Color

30.2952, 20.5250, 37.4869

Protanomaly

23.4466, 19.7485, 45.2239

Deuteranomaly

23.7288, 20.0908, 36.3455

Tritanomaly

27.4088, 20.4293, 23.6177

Monochromacy



Original Color

30.2952, 20.5250, 37.4869

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.1512, 20.4805, 27.9322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2952, 20.5250, 37.4869 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(184, 92, 164)` looks like.

```
.text, #text, p{  
    color:rgb(184, 92, 164)  
}
```

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(184, 92, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 92, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.2952, 20.5250, 37.4869 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(184, 92, 164) }
```


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

```
.border{ border-color:rgb(184, 92, 164) }
```

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

Here you see how a box with a 4 pixel rgb(184, 92, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 92, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 92, 164);  
box-shadow:4px 4px 4px 4px rgb(184, 92,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2952, 20.5250, 37.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 92, 164) }
```

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

```
.background{ background-color: rgb(184, 92,  
164) }
```

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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