

Converting Colors

XYZ(30.5485, 21.3755, 39.9122)

Have a look what the booklet for
XYZ(30.5485, 21.3755, 39.9122)
contains.

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Color

**XYZ(30.5852, 21.4237,
40.0593)**

Conversions

Conversions Part 1

Format	Color
Hex	B562A9
RGB	181, 98, 169
RGB Percent	71%, 38%, 66%
CMY	0.2902, 0.6157, 0.3373
CMYK	0.00, 0.46, 0.07, 0.29
HSL	309°, 36%, 55%
HSV	309°, 46%, 71%
XYZ	30.5852, 21.4237, 40.0593
YIQ	130.9110, 26.6770, 39.6770

Conversions

Conversions Part 2

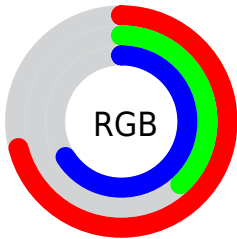
Format	Color
R _Y B	181, 98, 169
Decimal	11887273
CIE Lab	53.41, 43.45, -23.64
CIE LCh	53, 49.464, 331.453
Yxy	21.4237, 0.3322, 0.2327
Android (android.graphics.Color)	4290077353 (0xFFB562A9)
YUV	130.9110, 18.7779, 43.9281
Hunter-Lab	46.2857, 36.9511, -18.9142

Details

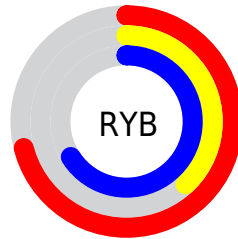
The XYZ color **30.5852, 21.4237, 40.0593** is a light color, and the websafe version is hex **996699**. A complement of this color would be **24.3763, 36.7710, 20.5660**, and the grayscale version is **21.4708, 22.5889, 24.5994**.

A 20% lighter version of the original color is **59.7810, 45.6922, 76.1897**, and **12.8316, 7.7530, 17.6498** is the 20% darker color. If you saturate the color by 10%, you get **28.8361, 18.3145, 38.2763**, and if you desaturate by 10%, it is **32.7235, 25.3027, 41.9967**.

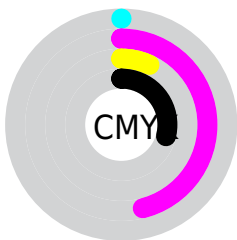
Distribution



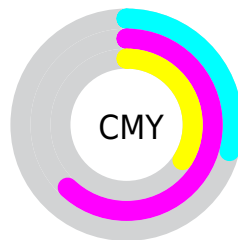
- Red (71%)
- Green (38%)
- Blue (66%)



- Red (71%)
- Yellow (38%)
- Blue (66%)



- Cyan (0%)
- Magenta (46%)
- Yellow (7%)
- Black (29%)



- Cyan (29%)
- Magenta (62%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5852, 21.4237, 40.0593 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 30.5852, 21.4237, 40.0593 by changing the saturation by 10% instead.

30.5852, 21.4237,
40.0593

30.5852, 21.4237,
40.0593

296.4839,
259.5217, 361.9330

20.4335, 13.4341,
27.2706

59.9667, 45.7916,
76.4919

12.8206, 7.7281,
17.5424

79.9272, 62.9387,
100.9729

7.3813, 3.9215,
10.4559

103.8880, 83.9071,
130.1884

3.7501, 1.6297,
5.5927

132.2144,
109.0811, 164.5570

1.5618, 0.3775,
2.5343

165.2719,
138.8452, 204.4972

0.3673, 0.0000,
0.8583

203.4257,

0.0000, 0.0000,

173.5837, 250.4276

0.0000

247.0413,
213.6811, 302.7667

■ 30.5852, 21.4237,
40.0593

■ 30.5852, 21.4237,
40.0593

■ 28.8361, 18.3145,
38.2763

■ 32.7235, 25.3027,
41.9967

■ 27.4481, 15.9198,
36.6376

■ 35.2726, 29.9959,
44.0952

■ 26.3922, 14.1818,
35.1336

■ 38.2551, 35.5478,
46.3628

■ 25.6345, 13.0322,
33.7529

■ 41.6913, 41.9991,
48.8062

■ 25.1313, 12.3842,
32.4807

■ 45.6000, 49.3874,
51.4320

■ 24.9584, 12.1847,
31.9720

■ 49.9992, 57.7487,
54.2462

■ 54.9059, 67.1166,
57.2546

■ 60.3361, 77.5236,
60.4628

■ 64.3923, 85.1743,
63.2383

Harmonies

Analogous

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



26.1003, 21.4237, 57.7243



30.5852, 21.4237, 40.0593



32.2196, 21.4237, 22.6010

Triad

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



30.5852, 21.4237, 40.0593



20.1076, 21.4237, 4.7135



12.9049, 21.4237, 41.9087

Complementary

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



30.5852, 21.4237, 40.0593



24.3763, 36.7710, 20.5660

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.



11.8429, 21.4237, 24.0679



30.5852, 21.4237, 40.0593



15.5342, 21.4237, 6.3297

Square

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



30.5852, 21.4237, 40.0593



25.5804, 21.4237, 6.0272



12.7169, 21.4237, 12.0547



15.9074, 21.4237, 59.0765

Rectangle

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



30.5852, 21.4237, 40.0593



31.2831, 21.4237, 14.2666



12.7169, 21.4237, 12.0547



12.3349, 21.4237, 35.5853

Sweetspot

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



30.5859, 21.4247, 40.0597



69.4544, 65.4256, 83.7211



19.0241, 15.3281, 45.6726



14.7455, 13.6430, 17.9004



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.5859, 21.4247, 40.0597



51.6262, 32.7688, 68.5315



27.3495, 20.1301, 23.0171



8.7961, 8.6252, 10.4250



17.2253, 8.4077, 22.1443



0.5564, 0.2703, 0.7725

Inverse Universe

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



30.5859, 21.4247, 40.0597



51.6262, 32.7688, 68.5315



27.1125, 37.8655, 34.9748



8.7961, 8.6252, 10.4250



17.2253, 8.4077, 22.1443



0.5564, 0.2703, 0.7725

Previews

White Background



This preview shows how the XYZ color 30.5852, 21.4237, 40.0593 looks on a white background.

Color Contrast Check

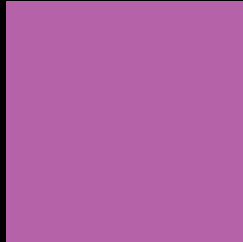
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5852, 21.4237, 40.0593 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 30.5852, 21.4237, 40.0593

Background



This preview shows how black text looks on a background with the XYZ color 30.5852, 21.4237, 40.0593.



This preview shows how white text looks on a background with the XYZ color 30.5852, 21.4237,

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

30.5852, 21.4237, 40.0593

Protanopia

22.8087, 21.7475, 52.2857

Deuteranopia

22.0469, 21.6670, 38.1421



Tritanopia

26.4178, 21.3592, 19.8699

Trichromacy



Original Color

30.5852, 21.4237, 40.0593

Protanomaly

24.4655, 20.8962, 47.5436

Deuteranomaly

24.4560, 21.0836, 38.8570

Tritanomaly

27.6984, 21.2564, 26.3099

Monochromacy



Original Color

30.5852, 21.4237, 40.0593

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.1021, 21.6275, 29.6923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5852, 21.4237, 40.0593 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(181, 98, 169)` looks like.

```
.text, #text, p{  
    color:rgb(181, 98, 169)  
}
```

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(181, 98, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 98, 169) }
```

Border

The CSS property to change the border of an element to XYZ 30.5852, 21.4237, 40.0593 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(181, 98, 169) }
```


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

```
.border{ border-color:rgb(181, 98, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 98, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 98, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 98, 169); box-shadow:4px 4px 4px 4px rgb(181, 98, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5852, 21.4237, 40.0593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 98, 169) }
```

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

```
.background{ background-color: rgb(181, 98,  
169) }
```

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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