

Converting Colors

XYZ(39.9965, 30.7849, 53.2119)

Have a look what the booklet for
XYZ(39.9965, 30.7849, 53.2119)
contains.

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Color

**XYZ(40.0193, 30.8106,
53.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	C57FBF
RGB	197, 127, 191
RGB Percent	77%, 50%, 75%
CMY	0.2274, 0.5019, 0.2510
CMYK	0.00, 0.36, 0.03, 0.23
HSL	305°, 38%, 64%
HSV	305°, 36%, 77%
XYZ	40.0193, 30.8106, 53.1280
YIQ	155.2260, 21.1760, 34.7440

Conversions

Conversions Part 2

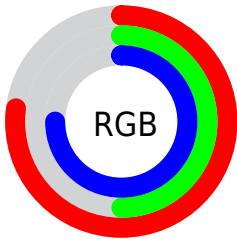
Format	Color
RYB	197, 127, 191
Decimal	12943295
CIELab	62.35, 37.05, -22.37
CIELCh	62, 43.280, 328.876
Yxy	30.8106, 0.3228, 0.2486
Android (android.graphics.Color)	4291133375 (0xFFC57FBF)
YUV	155.2260, 17.6366, 36.6358
Hunter-Lab	55.5073, 31.5560, -17.8935

Details

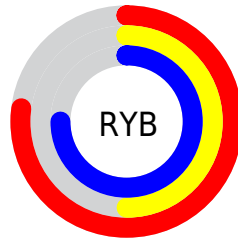
The XYZ color **40.0193, 30.8106, 53.1280** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.9536, 46.1390, 29.3610**, and the grayscale version is **31.1743, 32.7978, 35.7168**.

A 20% lighter version of the original color is **74.5524, 61.0231, 95.8450**, and **18.2551, 12.7258, 25.1611** is the 20% darker color. If you saturate the color by 10%, you get **37.5350, 26.1371, 51.3885**, and if you desaturate by 10%, it is **43.0051, 36.4825, 55.0459**.

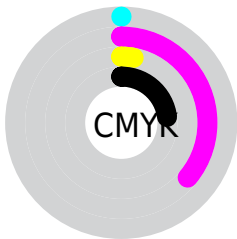
Distribution



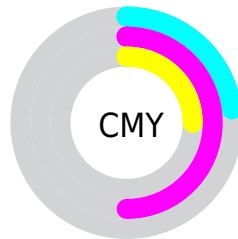
- Red (77%)
- Green (50%)
- Blue (75%)



- Red (77%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (36%)
- Yellow (3%)
- Black (23%)





- Cyan (23%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0193, 30.8106, 53.1280 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 40.0193, 30.8106, 53.1280 by changing the saturation by 10% instead.


 40.0193, 30.8106,
53.1280


 40.0193, 30.8106,
53.1280


337.3379,
305.6648, 415.8562


 27.7379, 20.4547,
37.5165


 74.4771, 60.9418,
96.2361

 18.2676, 12.7260,
25.3088


 97.3841, 81.4858,
124.5699

 11.2431, 7.2401,
16.0861


 124.5637,
106.1946, 157.9815

 6.2991, 3.6127,
9.4301

156.3813,
135.4526, 196.8895

 3.0702, 1.4594,
4.9221

193.2021,
169.6443, 241.7125

 1.1910, 0.2599,
2.1437

235.3916,

 0.0992, 0.0000,

209.1539, 292.8689

0.6416

283.3151,
254.3660, 350.7773

■ 0.0000, 0.0000,
0.0000

■ 40.0193, 30.8106,
53.1280

■ 40.0193, 30.8106,
53.1280

■ 37.5350, 26.1371,
51.3885

■ 43.0051, 36.4825,
55.0459

■ 35.5201, 22.3997,
49.8157

■ 46.5163, 43.2023,
57.1492

■ 33.9436, 19.5355,
48.3995

■ 50.5787, 51.0210,
59.4469

■ 32.7691, 17.4721,
47.1278

■ 55.2156, 59.9852,
61.9468

■ 31.9548, 16.1256,
45.9865

■ 60.4488, 70.1386,
64.6561

■ 31.4488, 15.3924,
44.9585

■ 66.2991, 81.5228,
67.5819

■ 31.2761, 15.1704,
44.5202

■ 69.5446, 87.6938,
69.6502

■ 69.7468, 87.7747,
70.7149

■ 69.9512, 87.8565,
71.7912

Harmonies

Analogous

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



35.0653, 30.8106, 70.4475



40.0193, 30.8106, 53.1280



42.0458, 30.8106, 34.1840

Triad

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



40.0193, 30.8106, 53.1280



29.5060, 30.8106, 10.5326



20.4902, 30.8106, 51.6533

Complementary

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



40.0193, 30.8106, 53.1280



32.9536, 46.1390, 29.3610

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.



19.4082, 30.8106, 32.9189



40.0193, 30.8106, 53.1280



24.1768, 30.8106, 12.4921

Square

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



40.0193, 30.8106, 53.1280



35.4985, 30.8106, 12.8223



20.6647, 30.8106, 19.4878



23.8417, 30.8106, 69.4153

Rectangle

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



40.0193, 30.8106, 53.1280



41.2826, 30.8106, 24.1592



20.6647, 30.8106, 19.4878



19.8704, 30.8106, 45.0985

Sweetspot

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



40.0203, 30.8120, 53.1286



86.3606, 83.2369, 104.1055



27.3153, 24.1845, 56.0525



18.2743, 17.4114, 22.1630



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



40.0203, 30.8120, 53.1286



67.9922, 48.2472, 92.5964



36.6314, 29.4564, 35.2829



11.0424, 10.8003, 13.2064



20.5868, 9.9843, 29.3637



0.9866, 0.4775, 1.4527

Inverse Universe

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



40.0203, 30.8120, 53.1286



67.9922, 48.2472, 92.5964



35.7722, 47.2665, 44.2036



11.0424, 10.8003, 13.2064



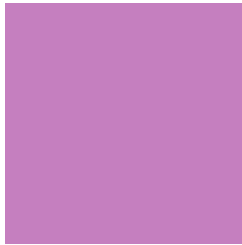
20.5868, 9.9843, 29.3637



0.9866, 0.4775, 1.4527

Previews

White Background



This preview shows how the XYZ color 40.0193, 30.8106, 53.1280 looks on a white background.

Color Contrast Check

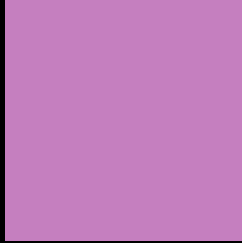
Large Text (above 18pt) WCAG AA × Fail

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 40.0193, 30.8106, 53.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

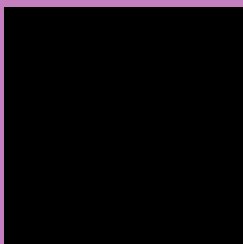
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0193, 30.8106, 53.1280

Background



This preview shows how black text looks on a background with the XYZ color 40.0193, 30.8106, 53.1280.



This preview shows how white text looks on a background with the XYZ color 40.0193, 30.8106,

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

40.0193, 30.8106, 53.1280

Protanopia

31.8414, 31.0682, 63.3500

Deuteranopia

31.5922, 30.9707, 51.3266



Tritanopia

35.4783, 30.7600, 31.2615

Trichromacy



Original Color

40.0193, 30.8106, 53.1280



Protanomaly

33.9721, 30.4349, 59.3423



Deuteranomaly

33.9722, 30.3863, 51.6516



Tritanomaly

36.9014, 30.7211, 38.1673

Monochromacy



Original Color

40.0193, 30.8106, 53.1280



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

33.7708, 31.6240, 41.3699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0193, 30.8106, 53.1280 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(197, 127, 191)` looks like.

```
.text, #text, p{  
    color:rgb(197, 127, 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(197, 127, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 127, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.0193, 30.8106, 53.1280 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(197, 127, 191) }
```


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

```
.border{ border-color:rgb(197, 127, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 127, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 127, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 127, 191);  
box-shadow:4px 4px 4px 4px rgb(197, 127,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0193, 30.8106, 53.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 127, 191) }
```

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

```
.background{ background-color: rgb(197,  
127, 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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