

Converting Colors

XYZ(42.0093, 40.4795, 57.8237)

Have a look what the booklet for
XYZ(42.0093, 40.4795, 57.8237)
contains.

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Color

**XYZ(42.0093, 40.4795,
57.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A5C4
RGB	179, 165, 196
RGB Percent	70%, 65%, 77%
CMY	0.2980, 0.3529, 0.2314
CMYK	0.09, 0.16, 0.00, 0.23
HSL	267°, 21%, 71%
HSV	267°, 16%, 77%
XYZ	42.0093, 40.4795, 57.8237
YIQ	172.7200, -1.6070, 12.6090

Conversions

Conversions Part 2

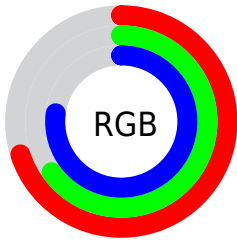
Format	Color
R_{YB}	179, 165, 196
Decimal	11773380
CIE _{Lab}	69.81, 11.00, -14.01
CIE _{LCh}	70, 17.813, 308.122
Yxy	40.4795, 0.2994, 0.2885
Android (android.graphics.Color)	4289963460 (0xFFB3A5C4)
YUV	172.7200, 11.4770, 5.5076
Hunter-Lab	63.6235, 6.5188, -9.3488

Details

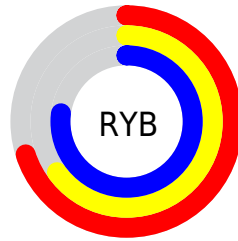
The XYZ color **42.0093, 40.4795, 57.8237** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.8243, 52.1426, 43.2486**, and the grayscale version is **39.5230, 41.5813, 45.2820**.

A 20% lighter version of the original color is **77.5838, 75.9404, 103.4974**, and **19.3918, 18.1989, 28.0819** is the 20% darker color. If you saturate the color by 10%, you get **36.3533, 32.7126, 56.6233**, and if you desaturate by 10%, it is **48.4032, 49.4332, 59.2156**.

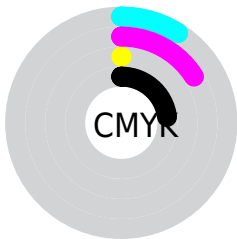
Distribution



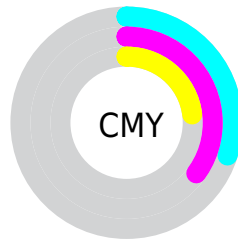
- Red (70%)
- Green (65%)
- Blue (77%)



- Red (70%)
- Yellow (65%)
- Blue (77%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0093, 40.4795, 57.8237 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 42.0093, 40.4795, 57.8237 by changing the saturation by 10% instead.

■ 42.0093, 40.4795,
57.8237

■ 42.0093, 40.4795,
57.8237

345.5125,
348.1405, 434.1086

■ 29.2997, 27.9126,
41.2532

■ 77.4788, 75.8931,
103.1783

■ 19.4531, 18.2598,
28.1958

■ 100.9694, 99.5086,
132.7995

■ 12.1041, 11.1367,
18.2330

128.7844,
127.5758, 167.6080

■ 6.8873, 6.1588,
10.9462

161.2891,
160.4791, 208.0222

■ 3.4374, 2.9419,
5.9170

198.8489,
198.6027, 254.4609

■ 1.3891, 1.1015,
2.7267

241.8292,

■ 0.2484, 0.0000,

242.3313, 307.3425

0.9568

290.5952,
292.0491, 367.0855

■ 0.0000, 0.0000,
0.0000

■ 42.0093, 40.4795,
57.8237

■ 42.0093, 40.4795,
57.8237

■ 36.3533, 32.7126,
56.6233

■ 48.4032, 49.4332,
59.2156

■ 31.4027, 26.0760,
55.6032

■ 55.5586, 59.6168,
60.8041

■ 27.1275, 20.5160,
54.7553

■ 63.5025, 71.0776,
62.5975

■ 23.4941, 15.9726,
54.0699

■ 72.2595, 83.8585,
64.6030

■ 20.4660, 12.3795,
53.5359

■ 79.2459, 92.7868,
65.9581

■ 18.0020, 9.6624,
53.1414

■ 82.8579, 94.6488,
66.1271

■ 16.0552, 7.7353,
52.8720

■ 86.6872, 96.6229,
66.3063

■ 14.5679, 6.4912,
52.7102

■ 86.9639, 96.7656,
66.3193

■ 14.0367, 6.0852,
52.6599

Harmonies

Analogous

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



39.2652, 40.4795, 61.7892



42.0093, 40.4795, 57.8237



43.8671, 40.4795, 50.2780

Triad

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



42.0093, 40.4795, 57.8237



40.5834, 40.4795, 30.8908



33.2296, 40.4795, 46.3629

Complementary

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



42.0093, 40.4795, 57.8237



45.8243, 52.1426, 43.2486

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.



33.5431, 40.4795, 38.4049



42.0093, 40.4795, 57.8237



37.6945, 40.4795, 30.1186

Square

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



42.0093, 40.4795, 57.8237



43.0156, 40.4795, 34.9595



35.1439, 40.4795, 32.6996



34.2649, 40.4795, 54.6521

Rectangle

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



42.0093, 40.4795, 57.8237



44.3022, 40.4795, 44.5992



35.1439, 40.4795, 32.6996



33.1817, 40.4795, 43.5555

Sweetspot

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



42.0105, 40.4812, 57.8246



88.5907, 90.8310, 107.4707



42.2205, 45.4627, 58.7751



18.7739, 19.1757, 22.9617



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.



42.0105, 40.4812, 57.8246



72.3850, 68.1921, 103.9550



45.7839, 42.4265, 58.0012



9.9506, 9.9657, 12.6839



9.1155, 3.9596, 33.8405



0.4731, 0.2120, 1.4659

Inverse Universe

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



44.6650, 42.0252, 50.0156



78.1693, 71.5580, 86.8739



42.3743, 50.3641, 43.0872



10.2991, 10.1683, 11.6656



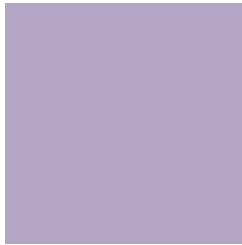
16.3933, 8.2471, 9.9832



0.7427, 0.3701, 0.6123

Previews

White Background



This preview shows how the XYZ color 42.0093, 40.4795, 57.8237 looks on a white background.

Color Contrast Check

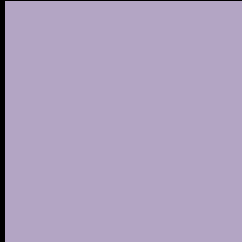
Large Text (above 18pt) WCAG AA × Fail

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 42.0093, 40.4795, 57.8237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

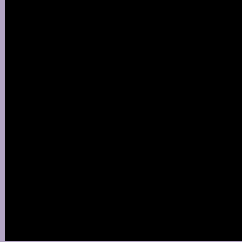
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0093, 40.4795, 57.8237

Background



This preview shows how black text looks on a background with the XYZ color 42.0093, 40.4795, 57.8237.



This preview shows how white text looks on a background with the XYZ color 42.0093, 40.4795,

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

42.0093, 40.4795, 57.8237

Protanopia

40.0138, 40.4988, 59.7409

Deuteranopia

41.2792, 40.3719, 57.8415



Tritanopia

40.4746, 40.6886, 49.4365

Trichromacy



Original Color

42.0093, 40.4795, 57.8237

Protanomaly

40.7732, 40.6285, 59.1192

Deuteranomaly

41.5045, 40.4881, 57.8520

Tritanomaly

41.0417, 40.6476, 52.1370

Monochromacy



Original Color

42.0093, 40.4795, 57.8237

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3944, 41.1996, 49.5394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0093, 40.4795, 57.8237 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(179, 165, 196)` looks like.

```
.text, #text, p{  
    color:rgb(179, 165, 196)  
}
```

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(179, 165, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 165, 196) }
```

Border

The CSS property to change the border of an element to XYZ 42.0093, 40.4795, 57.8237 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(179, 165, 196) }
```


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

```
.border{ border-color:rgb(179, 165, 196) }
```

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

Here you see how a box with a 4 pixel rgb(179, 165, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 165, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 165, 196);  
box-shadow:4px 4px 4px 4px rgb(179, 165,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0093, 40.4795, 57.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 165, 196) }
```

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

```
.background{ background-color: rgb(179,  
165, 196) }
```

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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