

Converting Colors

XYZ(51.2791, 49.9667, 65.9733)

Have a look what the booklet for
XYZ(51.2791, 49.9667, 65.9733)
contains.

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Color

**XYZ(51.2791, 49.9667,
65.9733)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B6CF
RGB	198, 182, 207
RGB Percent	78%, 71%, 81%
CMY	0.2235, 0.2863, 0.1882
CMYK	0.04, 0.12, 0.00, 0.19
HSL	278°, 21%, 76%
HSV	278°, 12%, 81%
XYZ	51.2791, 49.9667, 65.9733
YIQ	189.6340, 1.5110, 11.1670

Conversions

Conversions Part 2

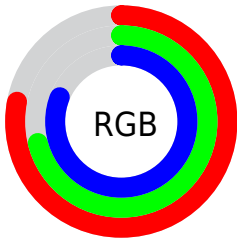
Format	Color
R_{YB}	198, 182, 207
Decimal	13022927
CIE _{Lab}	76.05, 10.28, -10.53
CIE _{LCh}	76, 14.717, 314.296
Yxy	49.9667, 0.3067, 0.2988
Android (android.graphics.Color)	4291213007 (0xFFC6B6CF)
YUV	189.6340, 8.5614, 7.3370
Hunter-Lab	70.6871, 5.7881, -5.8552




Details

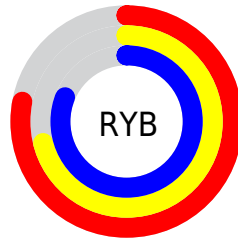
The XYZ color **51.2791, 49.9667, 65.9733** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2441, 59.0808, 52.9087**, and the grayscale version is **48.6861, 51.2216, 55.7803**.




A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **25.1016, 23.9297, 33.4329** is the 20% darker color. If you saturate the color by 10%, you get **45.4332, 41.1193, 64.5744**, and if you desaturate by 10%, it is **57.8513, 60.1215, 67.5877**.

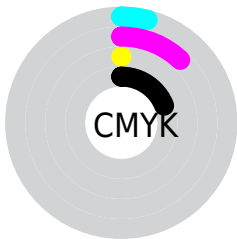
Distribution







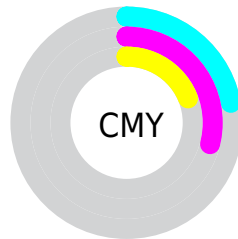
-  Red (78%)
-  Green (71%)
-  Blue (81%)






-  Red (78%)
-  Yellow (71%)
-  Blue (81%)



-  Cyan (4%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (19%)



-  Cyan (22%)
-  Magenta (29%)
-  Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2791, 49.9667, 65.9733 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 51.2791, 49.9667, 65.9733 by changing the saturation by 10% instead.

■ 51.2791, 49.9667,
65.9733

■ 51.2791, 49.9667,
65.9733

382.0170,
386.5357, 464.6830

■ 36.6527, 35.3869,
47.7944

■ 91.2477, 90.1255,
115.0746

■ 25.1112, 23.9611,
33.3052

117.3207,
116.4734, 146.8342

■ 16.2891, 15.3048,
22.0874

147.9399,
147.5128, 183.9576

■ 9.8211, 9.0336,
13.7222

183.4707,
183.6280, 226.8636

■ 5.3418, 4.7631,
7.7912

224.2785,
225.2035, 275.9705

■ 2.4860, 2.1089,
3.8758

270.7285,

■ 0.8882, 0.6696,

272.6237, 331.6971

1.5574

323.1863,
326.2730, 394.4617

■ 0.0000, 0.0000,
0.2602

■ 0.0000, 0.0000,
0.0000

■ 51.2791, 49.9667,
65.9733

■ 51.2791, 49.9667,
65.9733

■ 45.4332, 41.1193,
64.5744

■ 57.8513, 60.1215,
67.5877

■ 40.2804, 33.5173,
63.3787

■ 65.1723, 71.6294,
69.4231

■ 35.7913, 27.1035,
62.3773

■ 73.2693, 84.5416,
71.4887

■ 31.9326, 21.8131,
61.5595

■ 78.9584, 92.4885,
72.7227

■ 28.6678, 17.5754,
60.9137

■ 81.3716, 93.7326,
72.8357

■ 25.9562, 14.3113,
60.4265

■ 83.8880, 95.0299,
72.9534

■ 23.7513, 11.9301,
60.0831

■ 86.5088, 96.3809,
73.0761

■ 21.9977, 10.3232,
59.8654

■ 88.2626, 97.2851,
73.1582

■ 20.8521, 9.4486,
59.7570

Harmonies

Analogous

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



48.8089, 49.9667, 70.4296



51.2791, 49.9667, 65.9733



52.7633, 49.9667, 58.6056

Triad

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



51.2791, 49.9667, 65.9733



48.9367, 49.9667, 41.0967



42.5525, 49.9667, 58.2290

Complementary

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



51.2791, 49.9667, 65.9733



52.2441, 59.0808, 52.9087

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.



42.5837, 49.9667, 50.4106



51.2791, 49.9667, 65.9733



46.1987, 49.9667, 41.0169

Square

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



51.2791, 49.9667, 65.9733



51.3758, 49.9667, 44.5048



43.8958, 49.9667, 44.2752



43.8088, 49.9667, 65.6748

Rectangle

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



51.2791, 49.9667, 65.9733



52.9592, 49.9667, 53.2792



43.8958, 49.9667, 44.2752



42.4143, 49.9667, 55.5470

Sweetspot

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



51.2806, 49.9688, 65.9744



90.5437, 92.9740, 107.7813



49.2231, 51.7866, 66.4337



19.2034, 19.6259, 23.0260



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.



51.2806, 49.9688, 65.9744



80.1280, 76.9429, 105.2360



53.3207, 51.0671, 63.9650



11.8807, 11.7874, 14.8927



13.2443, 6.0080, 37.6541



0.8256, 0.3798, 2.1094

Inverse Universe

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



51.8659, 50.4852, 56.3039



81.2372, 77.9147, 87.2158



50.3983, 58.0889, 54.6420



11.9821, 11.8776, 13.1815



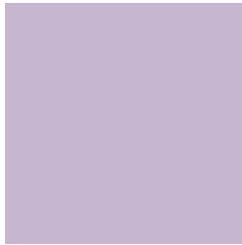
17.0439, 8.6904, 5.1371



0.9905, 0.5009, 0.4849

Previews

White Background



This preview shows how the XYZ color 51.2791, 49.9667, 65.9733 looks on a white background.

Color Contrast Check

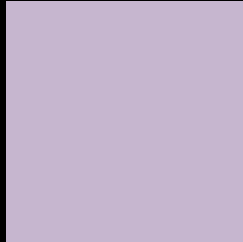
Large Text (above 18pt) WCAG AA × Fail

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 51.2791, 49.9667, 65.9733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

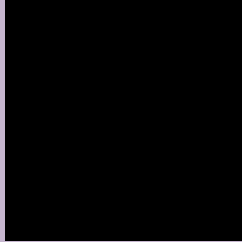
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2791, 49.9667, 65.9733

Background



This preview shows how black text looks on a background with the XYZ color 51.2791, 49.9667, 65.9733.



This preview shows how white text looks on a background with the XYZ color 51.2791, 49.9667,

65.9733.

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

51.2791, 49.9667, 65.9733

Protanopia

48.9589, 49.9613, 68.0359

Deuteranopia

51.0164, 49.8312, 65.9610



Tritanopia

50.3595, 50.2285, 60.4669

Trichromacy



Original Color

51.2791, 49.9667, 65.9733

Protanomaly

49.8439, 50.1202, 67.3687

Deuteranomaly

51.0164, 49.8312, 65.9610

Tritanomaly

50.5021, 49.9543, 62.2387

Monochromacy



Original Color

51.2791, 49.9667, 65.9733

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.7264, 50.8636, 59.4213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2791, 49.9667, 65.9733 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(198, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(198, 182, 207)  
}
```

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(198, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 182, 207) }
```

Border

The CSS property to change the border of an element to XYZ 51.2791, 49.9667, 65.9733 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(198, 182, 207) }
```


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

```
.border{ border-color:rgb(198, 182, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 182, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(198, 182,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2791, 49.9667, 65.9733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 182, 207) }
```

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

```
.background{ background-color: rgb(198,  
182, 207) }
```

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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