

Converting Colors

XYZ(53.7746, 49.6728, 83.0975)

Have a look what the booklet for
XYZ(53.7746, 49.6728, 83.0975)
contains.

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Color

**XYZ(53.7746, 49.6728,
83.0975)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B2E8
RGB	198, 178, 232
RGB Percent	78%, 70%, 91%
CMY	0.2235, 0.3019, 0.0902
CMYK	0.15, 0.23, 0.00, 0.09
HSL	262°, 54%, 80%
HSV	262°, 23%, 91%
XYZ	53.7746, 49.6728, 83.0975
YIQ	190.1360, -5.4140, 21.0340

Conversions

Conversions Part 2

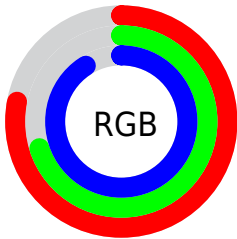
Format	Color
R _Y B	198, 178, 232
Decimal	13021928
CIE Lab	75.87, 17.56, -24.38
CIE LCh	76, 30.041, 305.761
Yxy	49.6728, 0.2883, 0.2663
Android (android.graphics.Color)	4291212008 (0xFFC6B2E8)
YUV	190.1360, 20.6390, 6.8967
Hunter-Lab	70.4789, 12.8553, -20.5700

Details

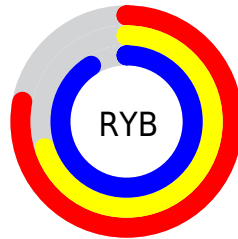
The XYZ color **53.7746, 49.6728, 83.0975** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.0456, 74.9259, 53.2084**, and the grayscale version is **48.9103, 51.4575, 56.0372**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **26.6717, 23.7311, 44.2491** is the 20% darker color. If you saturate the color by 10%, you get **45.8768, 39.3196, 81.5162**, and if you desaturate by 10%, it is **62.8276, 61.7829, 84.9586**.

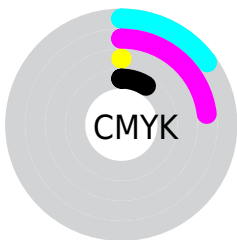
Distribution



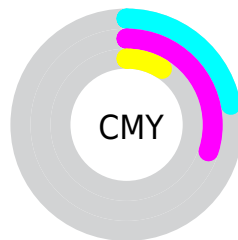
- Red (78%)
- Green (70%)
- Blue (91%)



- Red (78%)
- Yellow (70%)
- Blue (91%)



- Cyan (15%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7746, 49.6728, 83.0975 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 53.7746, 49.6728, 83.0975 by changing the saturation by 10% instead.

■ 53.7746, 49.6728,
83.0975

■ 53.7746, 49.6728,
83.0975

391.4623,
385.3850, 525.2909

■ 38.6514, 35.1535,
61.7295

■ 94.9020, 89.6899,
139.5625

■ 26.6682, 23.7811,
44.3798

121.6370,
115.9565, 175.4965

■ 17.4595, 15.1713,
30.6298

152.9734,
146.9076, 217.1230

■ 10.6599, 8.9397,
20.0610

189.2764,
182.9276, 264.8605

■ 5.9043, 4.7019,
12.2549

230.9114,
224.4010, 319.1275

■ 2.8271, 2.0734,
6.7929

278.2438,

■ 1.0630, 0.6496,

271.7121, 380.3425

3.2564

331.6390,
325.2453, 448.9241

■ 0.0000, 0.0000,
1.2270

■ 0.0000, 0.0000,
0.0008

■ 53.7746, 49.6728,
83.0975

■ 53.7746, 49.6728,
83.0975

■ 45.8768, 39.3196,
81.5162

■ 62.8276, 61.7829,
84.9586

■ 39.0797, 30.6330,
80.1978

■ 73.0775, 75.7217,
87.1089

■ 33.3313, 23.5244,
79.1286

■ 84.5698, 91.5647,
89.5612

■ 28.5732, 17.8936,
78.2926

■ 91.5656, 98.6063,
90.5516

■ 24.7405, 13.6291,
77.6714

■ 21.7594, 10.6022,
77.2443

■ 19.5424, 8.6583,
76.9859

■ 18.3962, 7.8010,
76.8809

Harmonies

Analogous

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



48.2993, 49.6728, 90.8448



53.7746, 49.6728, 83.0975



57.7039, 49.6728, 67.7287

Triad

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



53.7746, 49.6728, 83.0975



51.7628, 49.6728, 30.5976



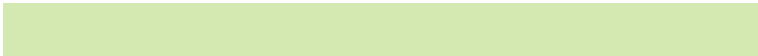
37.3081, 49.6728, 57.2333

Complementary

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



53.7746, 49.6728, 83.0975



64.0456, 74.9259, 53.2084

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.



38.0767, 49.6728, 42.4093



53.7746, 49.6728, 83.0975



46.1422, 49.6728, 28.8813

Square

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



53.7746, 49.6728, 83.0975



56.4797, 49.6728, 38.0207



41.2072, 49.6728, 32.7595



39.0188, 49.6728, 74.1365

Rectangle

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



53.7746, 49.6728, 83.0975



58.7596, 49.6728, 56.3921



41.2072, 49.6728, 32.7595



37.2869, 49.6728, 51.8421

Sweetspot

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



53.7762, 49.6749, 83.0986



85.6029, 87.0656, 106.9013



56.5208, 62.4799, 85.4256



18.1558, 18.4085, 22.8462



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.



53.7762, 49.6749, 83.0986



61.6981, 55.0430, 101.9803



61.4764, 53.6445, 83.4590



14.0845, 14.1458, 18.1324



10.3402, 4.3965, 42.6868



0.8639, 0.3763, 3.1591

Inverse Universe

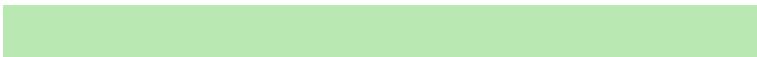
The Inverse Universe completely reimagines the original color for something new.



61.0844, 53.7522, 69.4452



72.3786, 61.0074, 81.7656



56.9501, 71.2680, 52.8763



14.7568, 14.5199, 16.9199



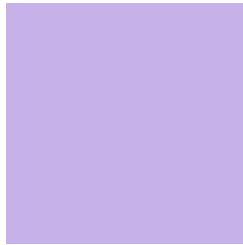
21.4216, 10.7028, 16.3808



1.6275, 0.8087, 1.4448

Previews

White Background



This preview shows how the XYZ color 53.7746, 49.6728, 83.0975 looks on a white background.

Color Contrast Check

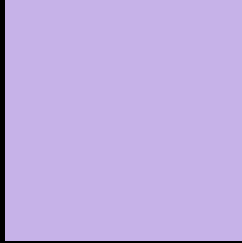
Large Text (above 18pt) WCAG AA × Fail

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 53.7746, 49.6728, 83.0975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

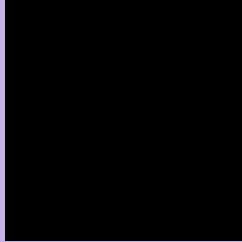
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7746, 49.6728, 83.0975

Background



This preview shows how black text looks on a background with the XYZ color 53.7746, 49.6728, 83.0975.



This preview shows how white text looks on a background with the XYZ color 53.7746, 49.6728,

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

53.7746, 49.6728, 83.0975

Protanopia

50.0906, 49.8110, 87.0952

Deuteranopia

50.8857, 49.7038, 82.5131



Tritanopia

49.1875, 49.6110, 61.0162

Trichromacy



Original Color

53.7746, 49.6728, 83.0975

Protanomaly

51.2518, 49.5213, 85.4546

Deuteranomaly

51.6867, 49.5086, 82.4332

Tritanomaly

50.7340, 49.6284, 68.5333

Monochromacy



Original Color

53.7746, 49.6728, 83.0975

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.5707, 50.8630, 64.9098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7746, 49.6728, 83.0975 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, 178, 232)` looks like.

```
.text, #text, p{  
    color:rgb(198, 178, 232)  
}
```

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, 178, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 178, 232) }
```

Border

The CSS property to change the border of an element to XYZ 53.7746, 49.6728, 83.0975 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, 178, 232) }
```


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

```
.border{ border-color:rgb(198, 178, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 178, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 178, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 178, 232);  
box-shadow:4px 4px 4px 4px rgb(198, 178,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7746, 49.6728, 83.0975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 178, 232) }
```

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

```
.background{ background-color: rgb(198,  
178, 232) }
```

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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