

Converting Colors

XYZ(53.8789, 51.7045, 77.5769)

Have a look what the booklet for
XYZ(53.8789, 51.7045, 77.5769)
contains.

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Color

**XYZ(53.8837, 51.6686,
77.6541)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B8E0
RGB	198, 184, 224
RGB Percent	78%, 72%, 88%
CMY	0.2235, 0.2784, 0.1216
CMYK	0.12, 0.18, 0.00, 0.12
HSL	261°, 39%, 80%
HSV	261°, 18%, 88%
XYZ	53.8837, 51.6686, 77.6541
YIQ	192.7460, -4.4960, 15.4080

Conversions

Conversions Part 2

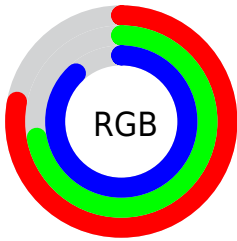
Format	Color
R _Y B	198, 184, 224
Decimal	13023456
CIE Lab	77.08, 12.60, -18.20
CIE LCh	77, 22.139, 304.695
Yxy	51.6686, 0.2941, 0.2820
Android (android.graphics.Color)	4291213536 (0xFFC6B8E0)
YUV	192.7460, 15.4082, 4.6078
Hunter-Lab	71.8809, 8.0165, -13.7354

Details

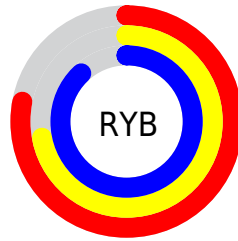
The XYZ color **53.8837, 51.6686, 77.6541** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.8877, 70.4751, 55.6911**, and the grayscale version is **50.4552, 53.0827, 57.8071**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **26.7793, 25.0265, 40.9553** is the 20% darker color. If you saturate the color by 10%, you get **45.9389, 41.2048, 76.0539**, and if you desaturate by 10%, it is **62.9375, 63.8004, 79.5194**.

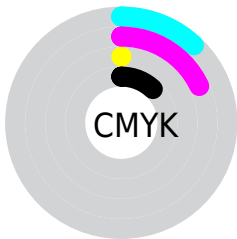
Distribution



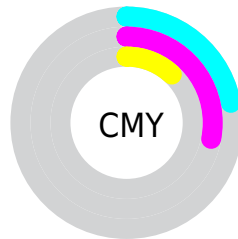
- Red (78%)
- Green (72%)
- Blue (88%)



- Red (78%)
- Yellow (72%)
- Blue (88%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8837, 51.6686, 77.6541 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 53.8837, 51.6686, 77.6541 by changing the saturation by 10% instead.

■ 53.8837, 51.6686,
77.6541

■ 53.8837, 51.6686,
77.6541

391.8720,
393.1559, 506.4881

■ 38.7390, 36.7410,
57.2751

■ 95.0614, 92.6423,
131.8438

■ 26.7365, 25.0070,
40.8153

121.8250,
119.4572, 166.4917

■ 17.5110, 16.0823,
27.8562

153.1924,
151.0033, 206.7328

■ 10.6971, 9.5824,
17.9792

189.5288,
187.6650, 252.9859

■ 5.9293, 5.1230,
10.7658

231.1996,
229.8267, 305.6694

■ 2.8424, 2.3196,
5.7974

278.5701,

■ 1.0710, 0.7840,

277.8729, 365.2020

2.6555

332.0058,
332.1878, 432.0020

■ 0.0006, 0.0000,
0.9209

■ 0.0000, 0.0000,
0.0000

■ 53.8837, 51.6686,
77.6541

■ 53.8837, 51.6686,
77.6541

■ 45.9389, 41.2048,
76.0539

■ 62.9375, 63.8004,
79.5194

■ 39.0533, 32.3281,
74.7035

■ 73.1377, 77.6636,
81.6577

■ 33.1803, 24.9602,
73.5909

■ 84.5258, 93.3259,
84.0806

■ 28.2678, 19.0138,
72.7020

■ 90.4547, 98.1619,
84.7015

■ 24.2585, 14.3919,
72.0212

■ 21.0882, 10.9853,
71.5307

■ 18.6830, 8.6660,
71.2098

■ 16.9443, 7.2583,
71.0298

■ 16.6287, 7.0181,
71.0001

Harmonies

Analogous

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



49.7779, 51.6686, 82.7989



53.8837, 51.6686, 77.6541



56.8316, 51.6686, 66.8083

Triad

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



53.8837, 51.6686, 77.6541



52.6669, 51.6686, 37.7259



41.4446, 51.6686, 58.1856

Complementary

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



53.8837, 51.6686, 77.6541



61.8877, 70.4751, 55.6911

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.



42.1205, 51.6686, 46.8819



53.8837, 51.6686, 77.6541



48.4470, 51.6686, 36.0982

Square

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



53.8837, 51.6686, 77.6541



56.1013, 51.6686, 44.0192



44.6259, 51.6686, 39.2049



42.7241, 51.6686, 70.5786

Rectangle

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



53.8837, 51.6686, 77.6541



57.6570, 51.6686, 58.4385



44.6259, 51.6686, 39.2049



41.4514, 51.6686, 54.1331

Sweetspot

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



53.8853, 51.6708, 77.6552



88.1329, 90.5950, 107.4492



56.4351, 61.9970, 79.5140



18.6628, 19.1184, 22.9565



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.



53.8853, 51.6708, 77.6552



68.6145, 64.4487, 103.4312



59.3111, 54.4679, 77.9092



13.4022, 13.4754, 17.2823



9.7916, 4.1431, 41.3320



0.7732, 0.3359, 2.8693

Inverse Universe

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



59.5157, 54.7837, 68.4130



77.4098, 69.3147, 88.8541



56.7113, 67.8065, 55.4489



14.0807, 13.8499, 16.1950



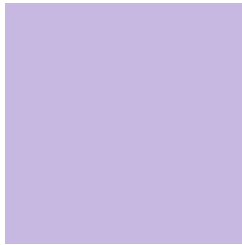
20.9519, 10.4477, 16.9441



1.4941, 0.7409, 1.3950

Previews

White Background



This preview shows how the XYZ color 53.8837, 51.6686, 77.6541 looks on a white background.

Color Contrast Check

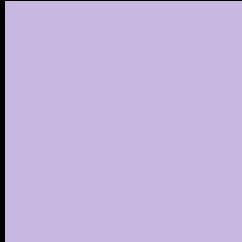
Large Text (above 18pt) WCAG AA × Fail

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 53.8837, 51.6686, 77.6541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

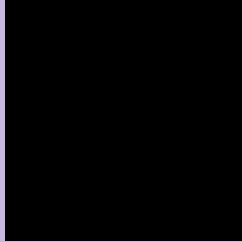
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8837, 51.6686, 77.6541

Background



This preview shows how black text looks on a background with the XYZ color 53.8837, 51.6686, 77.6541.



This preview shows how white text looks on a background with the XYZ color 53.8837, 51.6686,

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

53.8837, 51.6686, 77.6541

Protanopia

51.3541, 51.8863, 79.9815

Deuteranopia

53.0058, 51.8371, 77.7329



Tritanopia

51.0108, 51.7476, 63.7996

Trichromacy



Original Color

53.8837, 51.6686, 77.6541

Protanomaly

52.2368, 51.7230, 79.1819

Deuteranomaly

53.3092, 51.6818, 77.6869

Tritanomaly

52.0339, 51.8459, 68.8928

Monochromacy



Original Color

53.8837, 51.6686, 77.6541

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.8182, 52.7886, 64.5849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8837, 51.6686, 77.6541 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, 184, 224)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 224)  
}
```

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, 184, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.8837, 51.6686, 77.6541 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, 184, 224) }
```


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

```
.border{ border-color:rgb(198, 184, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 224);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8837, 51.6686, 77.6541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 224) }
```

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

```
.background{ background-color: rgb(198,  
184, 224) }
```

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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