

Converting Colors

XYZ(53.2706, 51.8261, 76.6869)

Have a look what the booklet for
XYZ(53.2706, 51.8261, 76.6869)
contains.

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Color

**XYZ(53.1739, 51.6277,
76.9746)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B9DF
RGB	195, 185, 223
RGB Percent	76%, 73%, 87%
CMY	0.2353, 0.2745, 0.1255
CMYK	0.13, 0.17, 0.00, 0.13
HSL	256°, 37%, 80%
HSV	256°, 17%, 87%
XYZ	53.1739, 51.6277, 76.9746
YIQ	192.3220, -6.2380, 13.9380

Conversions

Conversions Part 2

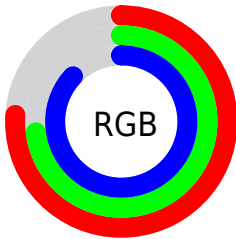
Format	Color
RYB	195, 185, 223
Decimal	12827103
CIELab	77.06, 10.88, -17.72
CIELCh	77, 20.797, 301.553
Yxy	51.6277, 0.2925, 0.2840
Android (android.graphics.Color)	4291017183 (0xFFC3B9DF)
YUV	192.3220, 15.1243, 2.3486
Hunter-Lab	71.8524, 6.3560, -13.2199

Details

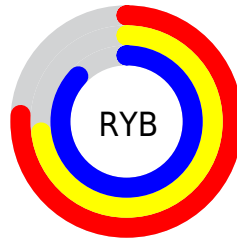
The XYZ color **53.1739, 51.6277, 76.9746** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.5869, 70.4256, 56.1961**, and the grayscale version is **50.2093, 52.8241, 57.5254**.

A 20% lighter version of the original color is **89.6502, 90.8260, 107.4138**, and **26.3037, 24.9924, 40.4835** is the 20% darker color. If you saturate the color by 10%, you get **44.8552, 40.9497, 75.3528**, and if you desaturate by 10%, it is **62.6947, 64.0142, 78.8645**.

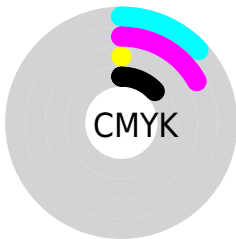
Distribution



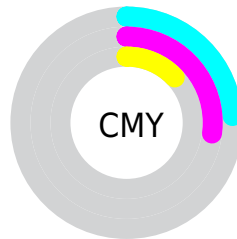
- Red (76%)
- Green (73%)
- Blue (87%)



- Red (76%)
- Yellow (73%)
- Blue (87%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1739, 51.6277, 76.9746 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 53.1739, 51.6277, 76.9746 by changing the saturation by 10% instead.

■ 53.1739, 51.6277,
76.9746

■ 53.1739, 51.6277,
76.9746

389.2019,
392.9976, 504.1128

■ 38.1696, 36.7084,
56.7206

■ 94.0242, 92.5819,
130.8763

■ 26.2922, 24.9818,
40.3731

120.6010,
119.3857, 165.3611

■ 17.1762, 16.0635,
27.5136

151.7660,
150.9197, 205.4265

■ 10.4563, 9.5691,
17.7235

187.8846,
187.5684, 251.4912

■ 5.7671, 5.1142,
10.5842

229.3222,
229.7161, 303.9736

■ 2.7433, 2.3144,
5.6774

276.4440,

■ 1.0195, 0.7813,

277.7473, 363.2923

2.5843

329.6154,
332.0463, 429.8659

■ 0.0000, 0.0000,
0.8843

■ 0.0000, 0.0000,
0.0000

■ 53.1739, 51.6277,
76.9746

■ 53.1739, 51.6277,
76.9746

■ 44.8552, 40.9497,
75.3528

■ 62.6947, 64.0142,
78.8645

■ 37.6848, 31.8980,
73.9836

■ 73.4590, 78.1738,
81.0302

■ 31.6117, 24.3931,
72.8551

■ 85.5121, 94.1754,
83.4835

■ 26.5791, 18.3462,
71.9531

■ 90.3194, 98.1078,
83.9892

■ 22.5246, 13.6594,
71.2622

■ 19.3790, 10.2222,
70.7645

■ 17.0625, 7.9061,
70.4396

■ 15.4758, 6.5458,
70.2606

■ 15.1039, 6.2477,
70.2227

Harmonies

Analogous

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



49.2777, 51.6277, 81.0185



53.1739, 51.6277, 76.9746



56.0921, 51.6277, 67.2826

Triad

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



53.1739, 51.6277, 76.9746



52.7969, 51.6277, 39.1013



41.8294, 51.6277, 56.8081

Complementary

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



53.1739, 51.6277, 76.9746



62.5869, 70.4256, 56.1961

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.



42.6609, 51.6277, 46.4308



53.1739, 51.6277, 76.9746



48.8641, 51.6277, 37.0717

Square

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



53.1739, 51.6277, 76.9746



55.8664, 51.6277, 45.5336



45.1840, 51.6277, 39.5680



42.8495, 51.6277, 68.4456

Rectangle

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



53.1739, 51.6277, 76.9746



57.0142, 51.6277, 59.4865



45.1840, 51.6277, 39.5680



41.9014, 51.6277, 53.0634

Sweetspot

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



53.1755, 51.6299, 76.9757



87.7441, 90.3946, 107.4310



57.2487, 63.4840, 79.0491



18.5685, 19.0698, 22.9521



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.



53.1755, 51.6299, 76.9757



68.3829, 65.2218, 103.5926



58.2557, 54.2488, 77.2135



13.2886, 13.4168, 17.2770



8.9716, 3.7203, 41.2936



0.7051, 0.3008, 2.8661

Inverse Universe

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



59.7923, 55.1921, 70.4548



78.7970, 70.8314, 93.1935



57.5230, 67.8150, 55.9591



14.1330, 13.8708, 16.4705



21.8993, 10.8267, 21.9331



1.5542, 0.7649, 1.7110

Previews

White Background



This preview shows how the XYZ color 53.1739, 51.6277, 76.9746 looks on a white background.

Color Contrast Check

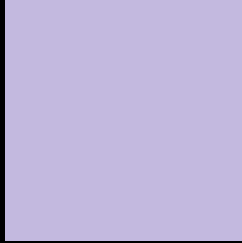
Large Text (above 18pt) WCAG AA × Fail

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 53.1739, 51.6277, 76.9746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

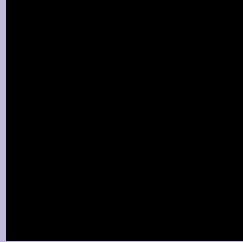
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1739, 51.6277, 76.9746

Background



This preview shows how black text looks on a background with the XYZ color 53.1739, 51.6277, 76.9746.



This preview shows how white text looks on a background with the XYZ color 53.1739, 51.6277,

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

53.1739, 51.6277, 76.9746

Protanopia

51.3166, 51.8987, 78.5469

Deuteranopia

52.8705, 51.7830, 77.0206



Tritanopia

50.5009, 51.4847, 63.7758

Trichromacy



Original Color

53.1739, 51.6277, 76.9746

Protanomaly

51.9313, 51.9131, 77.8042

Deuteranomaly

53.1263, 51.9149, 77.0325

Tritanomaly

51.3955, 51.5312, 68.2105

Monochromacy



Original Color

53.1739, 51.6277, 76.9746

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.9694, 52.0444, 63.8591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1739, 51.6277, 76.9746 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(195, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 223)  
}
```

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(195, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 223) }
```

Border

The CSS property to change the border of an element to XYZ 53.1739, 51.6277, 76.9746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

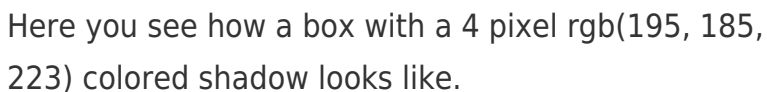
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 185, 223) }
```


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

```
.border{ border-color:rgb(195, 185, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 185, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 185, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 185, 223); box-shadow:4px 4px 4px 4px rgb(195, 185, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1739, 51.6277, 76.9746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 223) }
```

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

```
.background{ background-color: rgb(195,  
185, 223) }
```

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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