

Converting Colors

XYZ(53.7982, 52.0737, 89.8472)

Have a look what the booklet for
XYZ(53.7982, 52.0737, 89.8472)
contains.

XYZ(53.7806, 51.9739, 89.6355)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.7806, 51.9739,
89.6355)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBAF0
RGB	187, 186, 240
RGB Percent	73%, 73%, 94%
CMY	0.2667, 0.2706, 0.0588
CMYK	0.22, 0.22, 0.00, 0.06
HSL	241°, 64%, 84%
HSV	241°, 22%, 94%
XYZ	53.7806, 51.9739, 89.6355
YIQ	192.4550, -16.7380, 17.0060

Conversions

Conversions Part 2

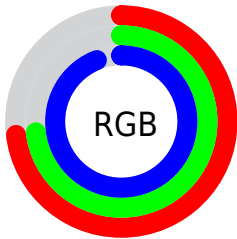
Format	Color
R _Y B	187, 186, 240
Decimal	12303088
CIE Lab	77.27, 11.55, -26.64
CIE LCh	77, 29.037, 293.437
Yxy	51.9739, 0.2752, 0.2660
Android (android.graphics.Color)	4290493168 (0xFFBBBAF0)
YUV	192.4550, 23.4397, -4.7840
Hunter-Lab	72.0929, 6.9966, -23.2522

Details

The XYZ color **53.7806, 51.9739, 89.6355** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.6212, 84.2173, 58.7266**, and the grayscale version is **50.2444, 52.8610, 57.5657**.

A 20% lighter version of the original color is **87.1104, 89.9574, 107.3800**, and **26.7121, 25.2223, 48.8079** is the 20% darker color. If you saturate the color by 10%, you get **43.8452, 39.9671, 87.8425**, and if you desaturate by 10%, it is **65.5137, 66.1704, 91.7582**.

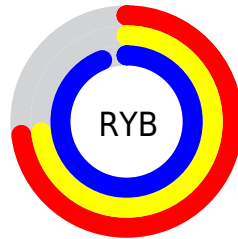
Distribution



Red (73%)

Green (73%)

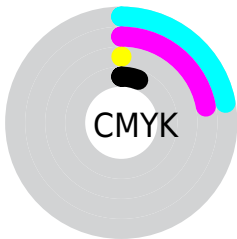
Blue (94%)



Red (73%)

Yellow (73%)

Blue (94%)

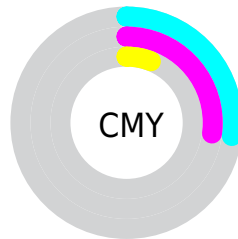


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (6%)



Cyan (27%)

Magenta (27%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7806, 51.9739, 89.6355 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 53.7806, 51.9739, 89.6355 by changing the saturation by 10% instead.

■ 53.7806, 51.9739,
89.6355

■ 53.7806, 51.9739,
89.6355

391.4848,
394.3358, 547.3839

■ 38.6563, 36.9843,
67.1064

■ 94.9108, 93.0927,
148.7631

■ 26.6719, 25.1953,
48.7089

121.6474,
119.9908, 186.1986

■ 17.4623, 16.2226,
34.0247

152.9854,
151.6270, 229.4400

■ 10.6620, 9.6818,
22.6350

189.2903,
188.3859, 278.9058

■ 5.9056, 5.1885,
14.1215

230.9273,
230.6519, 335.0145

■ 2.8279, 2.3583,
8.0655

278.2618,

■ 1.0634, 0.8043,

278.8092, 398.1848

4.0485

331.6592,
333.2424, 468.8351

■ 0.0000, 0.0000,
1.6520

■ 0.0000, 0.0000,
0.3275

■ 53.7806, 51.9739,
89.6355

■ 53.7806, 51.9739,
89.6355

■ 43.8452, 39.9671,
87.8425

■ 65.5137, 66.1704,
91.7582

■ 35.6141, 30.0353,
86.3593

■ 79.1219, 82.6514,
94.2221

■ 28.9930, 22.0627,
85.1694

■ 92.7283, 99.0713,
96.6743

■ 23.8765, 15.9198,
84.2533

■ 20.1467, 11.4615,
83.5894

■ 17.6681, 8.5206,
83.1524

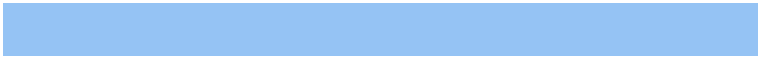
■ 16.2780, 6.8959,
82.9120

■ 15.7839, 6.3200,
82.8269

Harmonies

Analogous

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



48.1862, 51.9739, 92.8364



53.7806, 51.9739, 89.6355



58.5058, 51.9739, 76.8881

Triad

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



53.7806, 51.9739, 89.6355



56.0547, 51.9739, 35.3661



39.5102, 51.9739, 53.1584

Complementary

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



53.7806, 51.9739, 89.6355



75.6212, 84.2173, 58.7266

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.



41.2911, 51.9739, 40.2224



53.7806, 51.9739, 89.6355



50.6333, 51.9739, 31.2719

Square

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



53.7806, 51.9739, 89.6355



59.8861, 51.9739, 45.2524



45.2633, 51.9739, 32.8661



40.2149, 51.9739, 69.6805

Rectangle

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



53.7806, 51.9739, 89.6355



60.3865, 51.9739, 65.7878



45.2633, 51.9739, 32.8661



39.8334, 51.9739, 48.2935

Sweetspot

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



53.7823, 51.9760, 89.6367



83.4632, 85.9626, 106.8012



66.8752, 78.5232, 94.0707



17.6617, 18.1538, 22.8231



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.



53.7823, 51.9760, 89.6367



56.2377, 53.0193, 101.8774



60.9912, 55.6924, 89.9741



14.9243, 15.2427, 19.8771



8.6523, 3.4658, 45.3408



0.7292, 0.2932, 3.7724

Inverse Universe

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



69.0757, 59.8771, 89.5801



76.6762, 63.5793, 101.7674



67.2048, 79.8785, 58.3327



16.4409, 16.0261, 19.8781



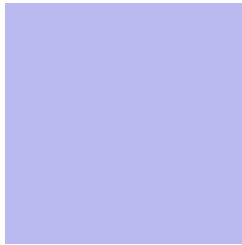
27.9306, 13.4447, 44.4124



2.3276, 1.1201, 3.7158

Previews

White Background



This preview shows how the XYZ color 53.7806, 51.9739, 89.6355 looks on a white background.

Color Contrast Check

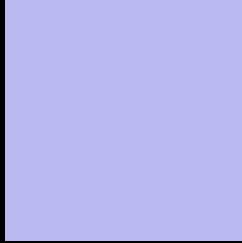
Large Text (above 18pt) WCAG AA × Fail

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 53.7806, 51.9739, 89.6355 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 53.7806, 51.9739, 89.6355

Background



This preview shows how black text looks on a background with the XYZ color 53.7806, 51.9739, 89.6355.



This preview shows how white text looks on a background with the XYZ color 53.7806, 51.9739,

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

53.7806, 51.9739, 89.6355

Protanopia

52.3561, 52.1531, 91.3115

Deuteranopia

53.2657, 52.0223, 89.6720



Tritanopia

49.1682, 52.0280, 66.4825

Trichromacy



Original Color

53.7806, 51.9739, 89.6355

Protanomaly

52.9165, 52.1411, 90.4943

Deuteranomaly

53.5061, 52.1462, 89.6832

Tritanomaly

50.7281, 52.0087, 74.3829

Monochromacy



Original Color

53.7806, 51.9739, 89.6355

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.1573, 52.3775, 67.7352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7806, 51.9739, 89.6355 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(187, 186, 240)` looks like.

```
.text, #text, p{  
    color:rgb(187, 186, 240)  
}
```

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(187, 186, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 186, 240) }
```

Border

The CSS property to change the border of an element to XYZ 53.7806, 51.9739, 89.6355 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(187, 186, 240) }
```


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

```
.border{ border-color:rgb(187, 186, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 186, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 186, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 186, 240);  
box-shadow:4px 4px 4px 4px rgb(187, 186,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7806, 51.9739, 89.6355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 186, 240) }
```

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

```
.background{ background-color: rgb(187,  
186, 240) }
```

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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