

Converting Colors

XYZ(56.6914, 51.2532, 93.2920)

Have a look what the booklet for
XYZ(56.6914, 51.2532, 93.2920)
contains.

XYZ(56.6889, 51.2503, 93.2907)	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(56.6889, 51.2503,
93.2907)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B3F5
RGB	201, 179, 245
RGB Percent	79%, 70%, 96%
CMY	0.2118, 0.2980, 0.0392
CMYK	0.18, 0.27, 0.00, 0.04
HSL	260°, 77%, 83%
HSV	260°, 27%, 96%
XYZ	56.6889, 51.2503, 93.2907
YIQ	193.1020, -8.0740, 25.1900

Conversions

Conversions Part 2

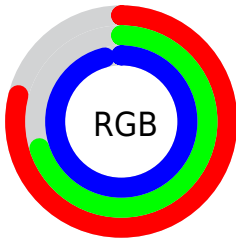
Format	Color
R _Y B	201, 179, 245
Decimal	13218805
CIE Lab	76.83, 20.75, -29.90
CIE LCh	77, 36.397, 304.752
Yxy	51.2503, 0.2817, 0.2547
Android (android.graphics.Color)	4291408885 (0xFFC9B3F5)
YUV	193.1020, 25.5857, 6.9265
Hunter-Lab	71.5893, 16.0662, -27.1505

Details

The XYZ color **56.6889, 51.2503, 93.2907** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.2222, 84.2488, 55.1579**, and the grayscale version is **50.6077, 53.2432, 57.9819**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **28.5002, 24.7068, 51.4109** is the 20% darker color. If you saturate the color by 10%, you get **48.0483, 40.1437, 91.6032**, and if you desaturate by 10%, it is **66.6721, 64.3464, 95.2932**.

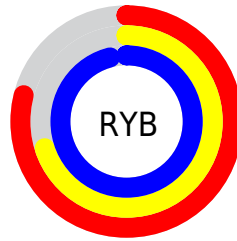
Distribution



Red (79%)

Green (70%)

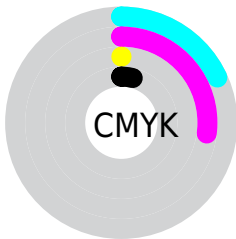
Blue (96%)



Red (79%)

Yellow (70%)

Blue (96%)

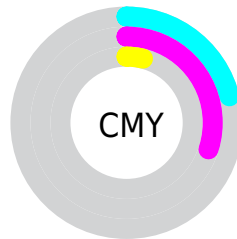


Cyan (18%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (30%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6889, 51.2503, 93.2907 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 56.6889, 51.2503, 93.2907 by changing the saturation by 10% instead.

■ 56.6889, 51.2503,
93.2907

■ 56.6889, 51.2503,
93.2907

402.3156,
391.5355, 559.5222

■ 40.9947, 36.4078,
70.1241

■ 99.1451, 92.0247,
153.8762

■ 28.5026, 24.7493,
51.1503

126.6378,
118.7253, 192.1322

■ 18.8472, 15.8904,
35.9507

158.7940,
150.1476, 236.2551

■ 11.6633, 9.4466,
24.1067

195.9791,
186.6757, 286.6635

■ 6.5854, 5.0336,
15.1999

238.5585,
228.6942, 343.7759

■ 3.2482, 2.2670,
8.8116

286.8974,

■ 1.2863, 0.7562,

276.5874, 408.0107

4.5234

341.3614,
330.7397, 479.7867

■ 0.1730, 0.0000,
1.9166

■ 0.0000, 0.0000,
0.5033

■ 56.6889, 51.2503,
93.2907

■ 56.6889, 51.2503,
93.2907

■ 48.0483, 40.1437,
91.6032

■ 66.6721, 64.3464,
95.2932

■ 40.6846, 30.9206,
90.2110

■ 78.0496, 79.5185,
97.6220

■ 34.5338, 23.4743,
89.0979

■ 90.8763, 96.8555,
100.2924

■ 29.5237, 17.6845,
88.2444

■ 93.4816, 99.3726,
100.6409

■ 25.5739, 13.4156,
87.6287

■ 22.5917, 10.5094,
87.2249

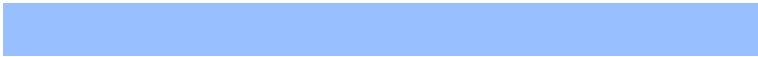
■ 20.4624, 8.7657,
87.0005

■ 19.9321, 8.3714,
86.9524

Harmonies

Analogous

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



49.8214, 51.2503, 102.9897



56.6889, 51.2503, 93.2907



61.7513, 51.2503, 73.6672

Triad

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



56.6889, 51.2503, 93.2907



54.6047, 51.2503, 27.9664



36.6292, 51.2503, 59.0165

Complementary

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



56.6889, 51.2503, 93.2907



71.2222, 84.2488, 55.1579

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.



37.6508, 51.2503, 41.0887



56.6889, 51.2503, 93.2907



47.6189, 51.2503, 25.8121

Square

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



56.6889, 51.2503, 93.2907



60.4704, 51.2503, 36.7934



41.5206, 51.2503, 30.0038



38.5859, 51.2503, 80.4384

Rectangle

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



56.6889, 51.2503, 93.2907



63.1844, 51.2503, 59.3579



41.5206, 51.2503, 30.0038



36.6375, 51.2503, 52.3926

Sweetspot

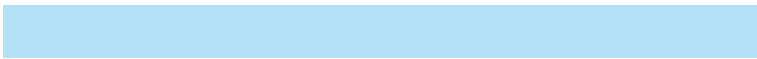
The Sweet Spot groups the original color and five complimentary colors.



56.6906, 51.2524, 93.2919



84.0562, 85.1791, 106.6187



61.7561, 69.5431, 96.5553



17.5734, 17.6718, 22.7347



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.



56.6906, 51.2524, 93.2919



57.0501, 49.6228, 101.1790



66.1747, 56.1417, 93.7357



16.1016, 16.1950, 20.8199



10.8685, 4.5772, 46.8487



1.0598, 0.4562, 4.1224

Inverse Universe

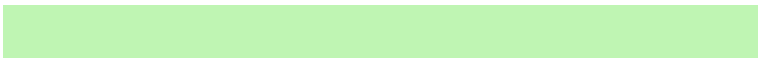
The Inverse Universe completely reimagines the original color for something new.



67.0972, 56.9825, 77.2765



70.2364, 56.8912, 80.5334



62.3018, 79.6501, 54.7405



16.9651, 16.6689, 19.5627



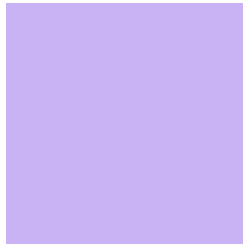
23.9308, 11.9157, 20.1415



2.1508, 1.0663, 2.0207

Previews

White Background



This preview shows how the XYZ color 56.6889, 51.2503, 93.2907 looks on a white background.

Color Contrast Check

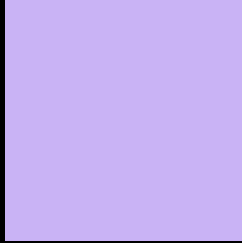
Large Text (above 18pt) WCAG AA × Fail

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 56.6889, 51.2503, 93.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

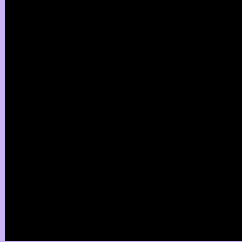
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6889, 51.2503, 93.2907

Background



This preview shows how black text looks on a background with the XYZ color 56.6889, 51.2503, 93.2907.

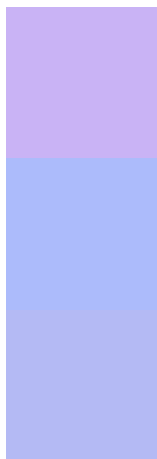


This preview shows how white text looks on a background with the XYZ color 56.6889, 51.2503,

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

56.6889, 51.2503, 93.2907

Protanopia

52.1962, 51.2763, 98.4131

Deuteranopia

52.7104, 51.3528, 92.7219



Tritanopia

50.6791, 51.2742, 63.1030

Trichromacy



Original Color

56.6889, 51.2503, 93.2907

Protanomaly

53.7678, 51.1878, 96.6689

Deuteranomaly

54.0017, 51.0900, 92.6031

Tritanomaly

52.8213, 51.2133, 73.4308

Monochromacy



Original Color

56.6889, 51.2503, 93.2907

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.6318, 52.4557, 69.6383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6889, 51.2503, 93.2907 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(201, 179, 245)` looks like.

```
.text, #text, p{  
    color:rgb(201, 179, 245)  
}
```

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(201, 179, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 179, 245) }
```

Border

The CSS property to change the border of an element to XYZ 56.6889, 51.2503, 93.2907 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(201, 179, 245) }
```


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

```
.border{ border-color:rgb(201, 179, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 179, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 179, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 179, 245);  
box-shadow:4px 4px 4px 4px rgb(201, 179,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6889, 51.2503, 93.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 179, 245) }
```

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

```
.background{ background-color: rgb(201,  
179, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor