

Converting Colors

XYZ(23.5348, 22.2606, 36.5556)

Have a look what the booklet for
XYZ(23.5348, 22.2606, 36.5556)
contains.

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Color

**XYZ(23.5982, 22.3088,
36.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	867DA1
RGB	134, 125, 161
RGB Percent	53%, 49%, 63%
CMY	0.4745, 0.5098, 0.3686
CMYK	0.17, 0.22, 0.00, 0.37
HSL	255°, 16%, 56%
HSV	255°, 22%, 63%
XYZ	23.5982, 22.3088, 36.7805
YIQ	131.7950, -6.1920, 13.1040

Conversions

Conversions Part 2

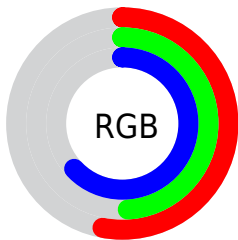
Format	Color
R_{YB}	134, 125, 161
Decimal	8813985
CIE _{Lab}	54.35, 11.01, -17.99
CIE _{LCh}	54, 21.092, 301.466
Yxy	22.3088, 0.2854, 0.2698
Android (android.graphics.Color)	4287004065 (0xFF867DA1)
YUV	131.7950, 14.3981, 1.9338
Hunter-Lab	47.2322, 6.5260, -13.1076

Details

The XYZ color **23.5982, 22.3088, 36.7805** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **29.3961, 33.6464, 24.3481**, and the grayscale version is **21.8104, 22.9462, 24.9884**.

A 20% lighter version of the original color is **49.0541, 47.4900, 71.5468**, and **9.0009, 8.1578, 15.5682** is the 20% darker color. If you saturate the color by 10%, you get **19.9070, 17.6220, 36.0708**, and if you desaturate by 10%, it is **27.8410, 27.7715, 37.6116**.

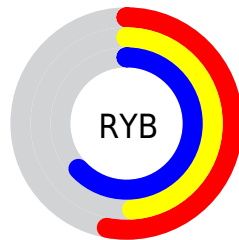
Distribution



Red (53%)

Green (49%)

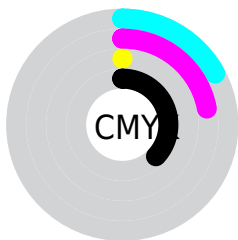
Blue (63%)



Red (53%)

Yellow (49%)

Blue (63%)

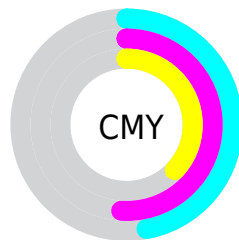


Cyan (17%)

Magenta (22%)

Yellow (0%)

Black (37%)



Cyan (47%)

Magenta (51%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5982, 22.3088, 36.7805 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 23.5982, 22.3088, 36.7805 by changing the saturation by 10% instead.

■ 23.5982, 22.3088,
36.7805

■ 23.5982, 22.3088,
36.7805

263.2611,
264.1547, 347.4993

■ 15.1590, 14.0840,
24.7431

■ 48.8332, 47.2558,
71.4176

■ 9.0181, 8.1791,
15.6685

■ 66.3596, 64.7469,
94.8544

■ 4.8102, 4.2098,
9.1381

■ 87.6459, 86.0954,
122.9282

■ 2.1699, 1.7916,
4.7333

113.0572,
111.6858, 156.0573

■ 0.7268, 0.4819,
2.0357

142.9591,
141.9026, 194.6605

■ 0.0000, 0.0000,
0.5771

177.7168,

■ 0.0000, 0.0000,

177.1301, 239.1562

0.0000

217.6957,
217.7526, 289.9629

■ 23.5982, 22.3088,
36.7805

■ 23.5982, 22.3088,
36.7805

■ 19.9070, 17.6220,
36.0708

■ 27.8410, 27.7715,
37.6116

■ 16.7421, 13.6728,
35.4753

■ 32.6550, 34.0406,
38.5680

■ 14.0791, 10.4237,
34.9885

■ 38.0618, 41.1483,
39.6549

■ 11.8909, 7.8327,
34.6037

■ 44.0807, 49.1242,
40.8772

■ 10.1479, 5.8533,
34.3135

■ 50.7305, 57.9966,
42.2393

8.8165, 4.4326,
34.1095

58.0290, 67.7923,
43.7454

7.8579, 3.5084,
33.9816

65.9933, 78.5370,
45.3995

7.3178, 3.0293,
33.9176

74.6401, 90.2555,
47.2057

79.0448, 93.0910,
47.5208

Harmonies

Analogous

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



21.3172, 22.3088, 39.2869



23.5982, 22.3088, 36.7805



25.3332, 22.3088, 30.8599

Triad

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



23.5982, 22.3088, 36.7805



23.3883, 22.3088, 14.7725



17.0813, 22.3088, 24.6161

Complementary

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



23.5982, 22.3088, 36.7805



29.3961, 33.6464, 24.3481

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.



17.5496, 22.3088, 18.7266



23.5982, 22.3088, 36.7805



21.0909, 22.3088, 13.6978

Square

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



23.5982, 22.3088, 36.7805



25.2059, 22.3088, 18.2585



18.9772, 22.3088, 15.0064



17.6495, 22.3088, 31.5232

Rectangle

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



23.5982, 22.3088, 36.7805



25.8871, 22.3088, 26.2198



18.9772, 22.3088, 15.0064



17.1225, 22.3088, 22.4582

Sweetspot

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



23.5989, 22.3097, 36.7810



54.2369, 55.4208, 68.2252



26.2171, 29.5856, 38.0474



11.7935, 12.0225, 14.9426



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.5989, 22.3097, 36.7810



38.7388, 35.4631, 65.1898



26.6042, 23.8590, 36.9216



6.8587, 6.9415, 8.8814



5.8772, 2.4363, 27.0903



0.1638, 0.0720, 0.5711

Inverse Universe

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



27.6998, 24.5122, 32.9780



47.5045, 40.1752, 56.8727



26.3747, 32.0887, 24.2067



7.2883, 7.1718, 8.5046



14.4999, 7.1560, 15.0892



0.3218, 0.1572, 0.4074

Previews

White Background



This preview shows how the XYZ color 23.5982, 22.3088, 36.7805 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5982, 22.3088, 36.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

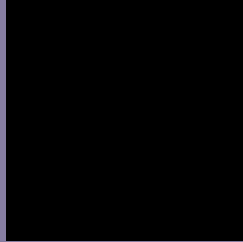
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5982, 22.3088, 36.7805

Background



This preview shows how black text looks on a background with the XYZ color 23.5982, 22.3088, 36.7805.



This preview shows how white text looks on a background with the XYZ color 23.5982, 22.3088,

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

23.5982, 22.3088, 36.7805

Protanopia

22.4363, 22.4458, 38.2719

Deuteranopia

22.7748, 22.2640, 36.8152



Tritanopia

21.7164, 22.3104, 27.5879

Trichromacy



Original Color

23.5982, 22.3088, 36.7805

Protanomaly

22.9342, 22.5183, 37.7880

Deuteranomaly

23.0998, 22.2407, 36.7936

Tritanomaly

22.3457, 22.3702, 30.7439

Monochromacy



Original Color

23.5982, 22.3088, 36.7805

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.4810, 22.6702, 29.1775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5982, 22.3088, 36.7805 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(134, 125, 161)` looks like.

```
.text, #text, p{  
    color:rgb(134, 125, 161)  
}
```

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(134, 125, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 125, 161) }
```

Border

The CSS property to change the border of an element to XYZ 23.5982, 22.3088, 36.7805 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(134, 125, 161) }
```


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

```
.border{ border-color:rgb(134, 125, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 125, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 125, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 125, 161);  
box-shadow:4px 4px 4px 4px rgb(134, 125,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5982, 22.3088, 36.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 125, 161) }
```

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

```
.background{ background-color: rgb(134,  
125, 161) }
```

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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