

Converting Colors

XYZ(25.9857, 23.0893, 83.2078)

Have a look what the booklet for
XYZ(25.9857, 23.0893, 83.2078)
contains.

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Color

**XYZ(25.9857, 23.0893,
83.2078)**

Conversions

Conversions Part 1

Format	Color
Hex	4C80ED
RGB	76, 128, 237
RGB Percent	30%, 50%, 93%
CMY	0.7019, 0.4980, 0.0706
CMYK	0.68, 0.46, 0.00, 0.07
HSL	221°, 82%, 61%
HSV	221°, 68%, 93%
XYZ	25.9857, 23.0893, 83.2078
YIQ	124.8780, -65.9810, 22.8750

Conversions

Conversions Part 2

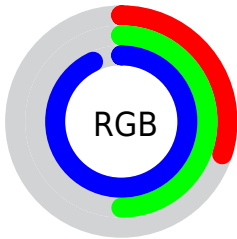
Format	Color
RYB	76, 115, 237
Decimal	5013741
CIELab	55.16, 17.77, -60.15
CIElCh	55, 62.725, 286.460
Yxy	23.0893, 0.1964, 0.1745
Android (android.graphics.Color)	4283203821 (0xFF4C80ED)
YUV	124.8780, 55.2761, -42.8660
Hunter-Lab	48.0513, 12.4413, -69.0333

Details

The XYZ color **25.9857, 23.0893, 83.2078** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **53.5809, 53.2281, 14.2892**, and the grayscale version is **19.2893, 20.2938, 22.1000**.

A 20% lighter version of the original color is **45.3558, 45.5252, 101.0045**, and **11.1069, 9.0326, 44.3381** is the 20% darker color. If you saturate the color by 10%, you get **22.5075, 18.4312, 82.4925**, and if you desaturate by 10%, it is **30.4900, 28.7681, 84.0670**.

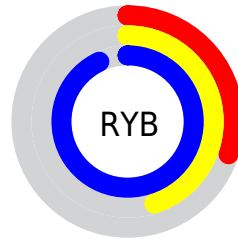
Distribution



Red (30%)

Green (50%)

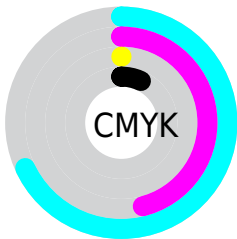
Blue (93%)



Red (30%)

Yellow (45%)

Blue (93%)

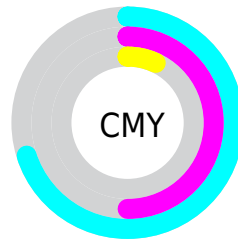


Cyan (68%)

Magenta (46%)

Yellow (0%)

Black (7%)



Cyan (70%)

Magenta (50%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9857, 23.0893, 83.2078 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 25.9857, 23.0893, 83.2078 by changing the saturation by 10% instead.

■ 25.9857, 23.0893,
83.2078

■ 25.9857, 23.0893,
83.2078

274.9699,
268.1833, 525.6679

■ 16.9456, 14.6595,
61.8200

■ 52.6833, 48.5399,
139.7183

■ 10.2908, 8.5807,
44.4524

■ 71.0716, 66.3295,
175.6781

■ 5.6559, 4.4687,
30.6865

■ 93.3065, 88.0077,
217.3322

■ 2.6757, 1.9391,
20.1038

■ 119.7536,
113.9591, 265.0993

■ 0.9847, 0.5717,
12.2857

150.7781,
144.5679, 319.3979

■ 0.0000, 0.0000,
6.8137

186.7454,

■ 0.0000, 0.0000,

180.2187, 380.6465

3.2692

228.0209,
221.2957, 449.2637

■ 0.0000, 0.0000,
1.2337

■ 0.0000, 0.0000,
0.0065

■ 25.9857, 23.0893,
83.2078

■ 25.9857, 23.0893,
83.2078

■ 22.5075, 18.4312,
82.4925

■ 30.4900, 28.7681,
84.0670

■ 19.9564, 14.7191,
81.9105

■ 36.1003, 35.5297,
85.0765

■ 18.2062, 11.8634,
81.4515

■ 42.8912, 43.4331,
86.2441

■ 17.9079, 11.3579,
81.3697

■ 50.9298, 52.5320,
87.5766

■ 60.2778, 62.8763,
89.0806

■ 70.9928, 74.5132,
90.7620

■ 83.1288, 87.4871,
92.6266

■ 92.2862, 98.8945,
94.3458

Harmonies

Analogous

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



18.9423, 23.0893, 84.3425



25.9857, 23.0893, 83.2078



33.2230, 23.0893, 62.1516

Triad

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



25.9857, 23.0893, 83.2078



32.5874, 23.0893, 6.2689



11.2866, 23.0893, 17.1507

Complementary

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



25.9857, 23.0893, 83.2078



53.5809, 53.2281, 14.2892

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.



13.5616, 23.0893, 6.8356



25.9857, 23.0893, 83.2078



25.2509, 23.0893, 3.1992

Square

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



25.9857, 23.0893, 83.2078



37.5543, 23.0893, 15.7214



18.3477, 23.0893, 3.3296



11.4010, 23.0893, 37.7243

Rectangle

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



25.9857, 23.0893, 83.2078



36.7467, 23.0893, 43.8973



18.3477, 23.0893, 3.3296



11.7724, 23.0893, 12.6714

Sweetspot

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



25.9867, 23.0900, 83.2084



68.6687, 71.4910, 104.7877



41.8480, 65.5386, 55.4284



14.0176, 14.5513, 22.3198



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.



25.9867, 23.0900, 83.2084



25.1253, 19.7046, 97.0869



23.4466, 14.1588, 81.6184



14.6284, 15.3432, 19.1128



9.8825, 6.4120, 44.4597



0.8604, 0.6722, 3.5193

Inverse Universe

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



41.4067, 24.7333, 23.0141



45.2179, 24.4081, 18.0776



58.2156, 74.8171, 18.2120



15.2660, 15.1342, 16.6859



19.8435, 10.1401, 4.9773



1.6008, 0.8133, 0.6151

Previews

White Background



This preview shows how the XYZ color 25.9857, 23.0893, 83.2078 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 25.9857, 23.0893, 83.2078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

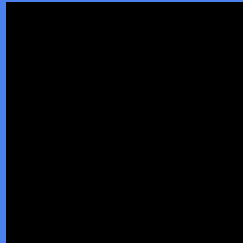
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9857, 23.0893, 83.2078

Background



This preview shows how black text looks on a background with the XYZ color 25.9857, 23.0893, 83.2078.



This preview shows how white text looks on a background with the XYZ color 25.9857, 23.0893,

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

25.9857, 23.0893, 83.2078

Protanopia

26.1471, 23.1725, 83.2154

Deuteranopia

24.0421, 23.3005, 82.5872



Tritanopia

16.4504, 23.0264, 35.9253

Trichromacy



Original Color

25.9857, 23.0893, 83.2078

Protanomaly

26.0658, 23.1305, 83.2116

Deuteranomaly

24.3878, 23.0722, 82.5249

Tritanomaly

18.6811, 22.3000, 50.3334

Monochromacy



Original Color

25.9857, 23.0893, 83.2078

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.4072, 20.8007, 39.0158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9857, 23.0893, 83.2078 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(76, 128, 237)` looks like.

```
.text, #text, p{  
    color:rgb(76, 128, 237)  
}
```

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(76, 128, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 128, 237) }
```

Border

The CSS property to change the border of an element to XYZ 25.9857, 23.0893, 83.2078 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(76, 128, 237) }
```


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

```
.border{ border-color:rgb(76, 128, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 128, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 128, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 128, 237);  
box-shadow:4px 4px 4px 4px rgb(76, 128,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9857, 23.0893, 83.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 128, 237) }
```

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

```
.background{ background-color: rgb(76, 128,  
237) }
```

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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