

Converting Colors

XYZ(28.2853, 23.3831, 97.6303)

Have a look what the booklet for
XYZ(28.2853, 23.3831, 97.6303)
contains.

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Color

**XYZ(28.2853, 23.3831,
97.6303)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7DFF
RGB	75, 125, 255
RGB Percent	29%, 49%, 100%
CMY	0.7058, 0.5098, 0.0000
CMYK	0.71, 0.51, 0.00, 0.00
HSL	223°, 100%, 65%
HSV	223°, 71%, 100%
XYZ	28.2853, 23.3831, 97.6303
YIQ	124.8700, -71.5300, 29.8300

Conversions

Conversions Part 2

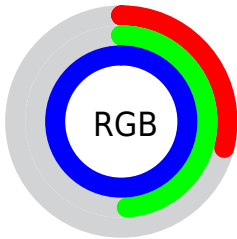
Format	Color
R _Y B	75, 114, 255
Decimal	4947455
CIE Lab	55.46, 25.78, -69.64
CIE LCh	55, 74.262, 290.314
Yxy	23.3831, 0.1895, 0.1566
Android (android.graphics.Color)	4283137535 (0xFF4B7DFF)
YUV	124.8700, 64.1541, -43.7360
Hunter-Lab	48.3561, 19.7883, -85.8565




Details

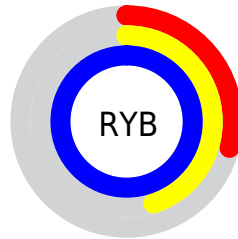
The XYZ color **28.2853, 23.3831, 97.6303** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **64.3446, 65.4365, 15.8980**, and the grayscale version is **19.2594, 20.2623, 22.0657**.

A 20% lighter version of the original color is **45.0998, 44.5039, 100.8208**, and **12.7319, 9.3390, 53.9549** is the 20% darker color. If you saturate the color by 10%, you get **24.5558, 18.3143, 96.8485**, and if you desaturate by 10%, it is **33.2478, 29.7294, 98.5937**.

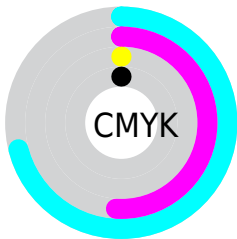
Distribution







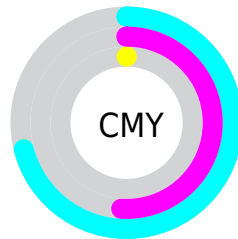
-  Red (29%)
-  Green (49%)
-  Blue (100%)






-  Red (29%)
-  Yellow (45%)
-  Blue (100%)



-  Cyan (71%)
-  Magenta (51%)
-  Yellow (0%)
-  Black (0%)



-  Cyan (71%)
-  Magenta (51%)
-  Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2853, 23.3831, 97.6303 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 28.2853, 23.3831, 97.6303 by changing the saturation by 10% instead.

■ 28.2853, 23.3831,
97.6303

■ 28.2853, 23.3831,
97.6303

285.8831,
269.6866, 573.7498

■ 18.6824, 14.8766,
73.7172

■ 56.3451, 49.0216,
159.9202

■ 11.5436, 8.7329,
54.0672

■ 75.5327, 66.9225,
199.1341

■ 6.5037, 4.5673,
38.2618

■ 98.6458, 88.7236,
244.2852

■ 3.1973, 1.9957,
25.8826

■ 126.0500,
114.8093, 295.7923

■ 1.2589, 0.6050,
16.5108

158.1104,
145.5641, 354.0737

■ 0.1521, 0.0000,
9.7281

195.1925,

■ 0.0000, 0.0000,

181.3723, 419.5481

5.1158

237.6616,
222.6183, 492.6339

■ 0.0000, 0.0000,
2.2554

■ 0.0000, 0.0000,
0.7061

■ 28.2853, 23.3831,
97.6303

■ 28.2853, 23.3831,
97.6303

■ 24.5558, 18.3143,
96.8485

■ 33.2478, 29.7294,
98.5937

■ 21.9302, 14.4209,
96.2354

■ 39.5475, 37.4396,
99.7499

■ 20.2919, 11.7038,
95.7973

■ 47.2804, 46.5937,
101.1093

■ 56.5323, 57.2646,
102.6813

■ 67.3820, 69.5202,
104.4751

■ 79.9028, 83.4238,
106.4988

■ 94.1630, 99.0354,
108.7606

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



19.6287, 23.3831, 103.1374



28.2853, 23.3831, 97.6303



37.0316, 23.3831, 67.6227

Triad

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



28.2853, 23.3831, 97.6303



34.1508, 23.3831, 3.9248



9.8472, 23.3831, 18.4737

Complementary

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



28.2853, 23.3831, 97.6303



64.3446, 65.4365, 15.8980

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.



12.0081, 23.3831, 5.9259



28.2853, 23.3831, 97.6303



25.0406, 23.3831, 1.7025

Square

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



28.2853, 23.3831, 97.6303



40.9641, 23.3831, 12.5894



17.0986, 23.3831, 2.0926



10.3019, 23.3831, 45.0189

Rectangle

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



28.2853, 23.3831, 97.6303



41.0547, 23.3831, 44.3293



17.0986, 23.3831, 2.0926



10.2659, 23.3831, 12.8881

Sweetspot

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



28.2863, 23.3837, 97.6304



66.8971, 68.9771, 104.3958



49.5621, 77.3762, 69.4519



13.6465, 14.0089, 22.2347



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.



28.2863, 23.3837, 97.6304



23.2683, 16.4563, 96.5578



27.5076, 15.8319, 96.2138



17.4136, 18.1988, 22.8449



10.7099, 6.3294, 50.0918



1.1299, 0.7904, 4.9063

Inverse Universe

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



47.4586, 27.7745, 22.2619



44.1670, 23.5526, 13.8848



65.3501, 86.6275, 19.9353



18.2167, 18.0700, 19.7581



22.1941, 11.3669, 4.4064



2.2049, 1.1243, 0.6605

Previews

White Background



This preview shows how the XYZ color 28.2853, 23.3831, 97.6303 looks on a white background.

Color Contrast Check

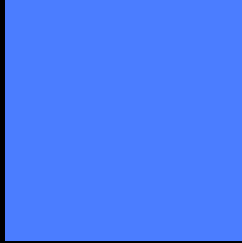
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2853, 23.3831, 97.6303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

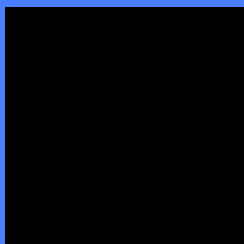
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

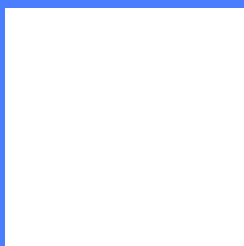
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2853, 23.3831, 97.6303

Background



This preview shows how black text looks on a background with the XYZ color 28.2853, 23.3831, 97.6303.



This preview shows how white text looks on a background with the XYZ color 28.2853, 23.3831,

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

28.2853, 23.3831, 97.6303

Protanopia

27.4565, 23.5282, 97.7020

Deuteranopia

23.8043, 23.3841, 82.6158



Tritanopia

16.6053, 23.3361, 35.9769

Trichromacy



Original Color

28.2853, 23.3831, 97.6303

Protanomaly

27.7537, 23.4887, 97.6787

Deuteranomaly

24.7460, 22.9367, 87.9170

Tritanomaly

19.3103, 22.5485, 53.7866

Monochromacy



Original Color

28.2853, 23.3831, 97.6303

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.8434, 20.7716, 41.9405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2853, 23.3831, 97.6303 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(75, 125, 255)` looks like.

```
.text, #text, p{  
    color:rgb(75, 125, 255)  
}
```

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(75, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 125, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.2853, 23.3831, 97.6303 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(75, 125, 255) }
```


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

```
.border{ border-color:rgb(75, 125, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 125, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 125, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 125, 255);  
box-shadow:4px 4px 4px 4px rgb(75, 125,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2853, 23.3831, 97.6303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 125, 255) }
```

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

```
.background{ background-color: rgb(75, 125,  
255) }
```

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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