

Converting Colors

XYZ(28.2440, 23.7067, 97.6950)

Have a look what the booklet for
XYZ(28.2440, 23.7067, 97.6950)
contains.

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Color

**XYZ(28.2379, 23.7383,
97.7014)**

Conversions

Conversions Part 1

Format	Color
Hex	477FFF
RGB	71, 127, 255
RGB Percent	28%, 50%, 100%
CMY	0.7215, 0.5020, 0.0000
CMYK	0.72, 0.50, 0.00, 0.00
HSL	222°, 100%, 64%
HSV	222°, 72%, 100%
XYZ	28.2379, 23.7383, 97.7014
YIQ	124.8480, -74.4640, 27.9360

Conversions

Conversions Part 2

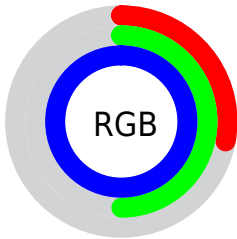
Format	Color
R _Y B	71, 114, 255
Decimal	4685823
CIE Lab	55.82, 24.04, -69.07
CIE LCh	56, 73.134, 289.193
Yxy	23.7383, 0.1887, 0.1586
Android (android.graphics.Color)	4282875903 (0xFF477FFF)
YUV	124.8480, 64.1649, -47.2247
Hunter-Lab	48.7220, 18.1902, -84.7879

Details

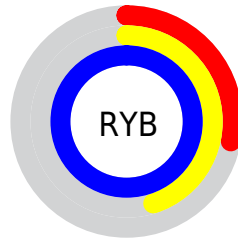
The XYZ color **28.2379, 23.7383, 97.7014** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **62.8041, 62.5677, 14.7301**, and the grayscale version is **19.2527, 20.2553, 22.0581**.

A 20% lighter version of the original color is **44.9853, 45.0356, 100.9295**, and **12.8740, 9.6232, 54.0022** is the 20% darker color. If you saturate the color by 10%, you get **24.6513, 18.7824, 96.9338**, and if you desaturate by 10%, it is **33.0138, 29.9064, 98.6402**.

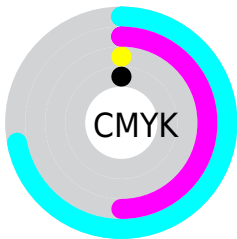
Distribution



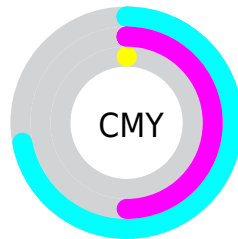
- Red (28%)
- Green (50%)
- Blue (100%)



- Red (28%)
- Yellow (45%)
- Blue (100%)



- Cyan (72%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2379, 23.7383, 97.7014 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 28.2379, 23.7383, 97.7014 by changing the saturation by 10% instead.

■ 28.2379, 23.7383,
97.7014

■ 28.2379, 23.7383,
97.7014

285.6615,
271.4947, 573.9813

■ 18.6464, 15.1396,
73.7761

■ 56.2700, 49.6028,
160.0190

■ 11.5176, 8.9174,
54.1151

■ 75.4414, 67.6374,
199.2484

■ 6.4859, 4.6874,
38.2999

■ 98.5368, 89.5861,
244.4163

■ 3.1862, 2.0650,
25.9119

■ 125.9216,
115.8333, 295.9411

■ 1.2530, 0.6448,
16.5326

157.9611,
146.7633, 354.2415

■ 0.1476, 0.0000,
9.7434

195.0206,

■ 0.0000, 0.0000,

182.7607, 419.7360

5.1258

237.4656,
224.2097, 492.8431

■ 0.0000, 0.0000,
2.2612

■ 0.0000, 0.0000,
0.7094

■ 28.2379, 23.7383,
97.7014

■ 28.2379, 23.7383,
97.7014

■ 24.6513, 18.7824,
96.9338

■ 33.0138, 29.9064,
98.6402

■ 22.1244, 14.9402,
96.3254

■ 39.0831, 37.3690,
99.7608

■ 20.7458, 12.6116,
95.9486

■ 46.5408, 46.2025,
101.0728

■ 55.4718, 56.4764,
102.5851

■ 65.9537, 68.2548,
104.3061

■ 78.0588, 81.5980,
106.2436

■ 91.8543, 96.5627,
108.4050

■ 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.



19.6952, 23.7383, 101.9674



28.2379, 23.7383, 97.7014



36.9584, 23.7383, 68.8100

Triad

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



28.2379, 23.7383, 97.7014



34.7084, 23.7383, 4.3708



10.2189, 23.7383, 18.1761

Complementary

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



28.2379, 23.7383, 97.7014



62.8041, 62.5677, 14.7301

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.



12.4948, 23.7383, 5.9844



28.2379, 23.7383, 97.7014



25.6955, 23.7383, 1.9136

Square

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



28.2379, 23.7383, 97.7014



41.2831, 23.7383, 13.5262



17.7036, 23.7383, 2.2357



10.5800, 23.7383, 44.0133

Rectangle

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



28.2379, 23.7383, 97.7014



41.0530, 23.7383, 45.7653



17.7036, 23.7383, 2.2357



10.6733, 23.7383, 12.7539

Sweetspot

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



28.2389, 23.7389, 97.7015



66.1252, 68.4455, 104.3339



48.4075, 76.8793, 64.9536



13.5100, 13.9326, 22.2271



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.



28.2389, 23.7389, 97.7015



23.3027, 16.7871, 96.6198



26.0997, 14.7159, 96.0726



17.4537, 18.2790, 22.8582



10.9545, 6.8187, 50.1734



1.1580, 0.8467, 4.9157

Inverse Universe

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



47.3249, 27.3004, 22.8540



44.1203, 23.2890, 14.3944



66.7985, 87.3895, 19.3106



18.2369, 18.0781, 19.8647



22.3175, 11.4163, 5.0567



2.2191, 1.1300, 0.7353

Previews

White Background



This preview shows how the XYZ color 28.2379, 23.7383, 97.7014 looks on a white background.

Color Contrast Check

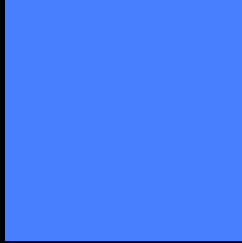
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2379, 23.7383, 97.7014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

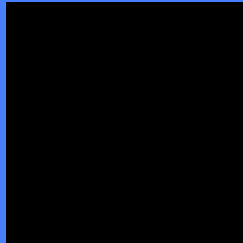
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

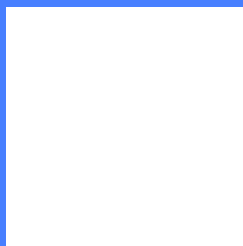
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2379, 23.7383, 97.7014

Background



This preview shows how black text looks on a background with the XYZ color 28.2379, 23.7383, 97.7014.



This preview shows how white text looks on a background with the XYZ color 28.2379, 23.7383,

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

28.2379, 23.7383, 97.7014

Protanopia

27.7637, 23.8812, 97.7540

Deuteranopia

24.0902, 23.7227, 83.4300



Tritanopia

16.8479, 23.6830, 36.4842

Trichromacy



Original Color

28.2379, 23.7383, 97.7014

Protanomaly

27.8835, 23.7483, 97.7220

Deuteranomaly

25.1427, 23.5263, 88.8038

Tritanomaly

19.5417, 22.8708, 54.4235

Monochromacy



Original Color

28.2379, 23.7383, 97.7014

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.7329, 20.9035, 41.9718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2379, 23.7383, 97.7014 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(71, 127, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 127, 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(71, 127, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 127, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.2379, 23.7383, 97.7014 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(71, 127, 255) }
```


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

```
.border{ border-color:rgb(71, 127, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 127, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 127, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 127, 255); box-shadow:4px 4px 4px 4px rgb(71, 127, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2379, 23.7383, 97.7014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 127, 255) }
```

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

```
.background{ background-color: rgb(71, 127,  
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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