

Converting Colors

XYZ(28.1753, 23.3906, 97.6376)

Have a look what the booklet for
XYZ(28.1753, 23.3906, 97.6376)
contains.

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Color

**XYZ(28.1313, 23.3037,
97.6231)**

Conversions

Conversions Part 1

Format	Color
Hex	497DFF
RGB	73, 125, 255
RGB Percent	29%, 49%, 100%
CMY	0.7137, 0.5098, 0.0000
CMYK	0.71, 0.51, 0.00, 0.00
HSL	223°, 100%, 64%
HSV	223°, 71%, 100%
XYZ	28.1313, 23.3037, 97.6231
YIQ	124.2720, -72.7220, 29.4060

Conversions

Conversions Part 2

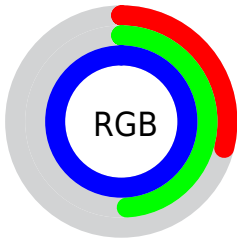
Format	Color
R _Y B	73, 113, 255
Decimal	4816383
CIE Lab	55.38, 25.52, -69.78
CIE LCh	55, 74.299, 290.091
Yxy	23.3037, 0.1887, 0.1563
Android (android.graphics.Color)	4283006463 (0xFF497DFF)
YUV	124.2720, 64.4489, -44.9655
Hunter-Lab	48.2739, 19.5404, -86.1089

Details

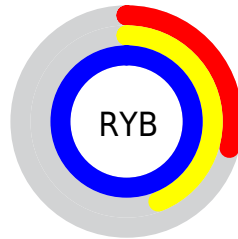
The XYZ color **28.1313, 23.3037, 97.6231** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **63.8019, 64.4590, 15.3847**, and the grayscale version is **19.0595, 20.0521, 21.8367**.

A 20% lighter version of the original color is **44.9275, 44.4151, 100.8128**, and **12.7319, 9.3390, 53.9549** is the 20% darker color. If you saturate the color by 10%, you get **24.4814, 18.3072, 96.8511**, and if you desaturate by 10%, it is **32.9974, 29.5551, 98.5733**.

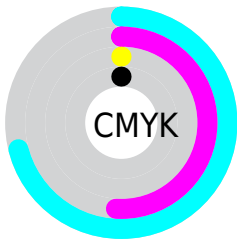
Distribution



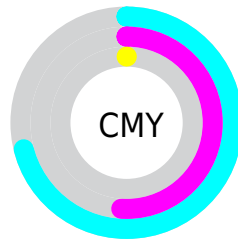
- Red (29%)
- Green (49%)
- Blue (100%)



- Red (29%)
- Yellow (44%)
- 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 28.1313, 23.3037, 97.6231 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 28.1313, 23.3037, 97.6231 by changing the saturation by 10% instead.

 28.1313, 23.3037,
97.6231


 28.1313, 23.3037,
97.6231

285.1625,
269.2810, 573.7264


 18.5656, 14.8179,
73.7112


 56.1012, 48.8915,
159.9102


 11.4590, 8.6917,
54.0623


 75.2361, 66.7624,
199.1225

 6.4460, 4.5406,
38.2580


 98.2914, 88.5303,
244.2720

 3.1613, 1.9804,
25.8796

 125.6326,
114.5798, 295.7772

 1.2396, 0.5960,
16.5086

157.6250,
145.2952, 354.0567

 0.1373, 0.0000,
9.7265

194.6338,

 0.0000, 0.0000,

181.0610, 419.5290

5.1148

237.0245,
222.2615, 492.6127

■ 0.0000, 0.0000,
2.2549

■ 0.0000, 0.0000,
0.7058

■ 28.1313, 23.3037,
97.6231

■ 28.1313, 23.3037,
97.6231

■ 24.4814, 18.3072,
96.8511

■ 32.9974, 29.5551,
98.5733

■ 21.9178, 14.4640,
96.2444

■ 39.1844, 37.1469,
99.7126

■ 20.4224, 11.9647,
95.8408

■ 46.7883, 46.1581,
101.0511

■ 55.8948, 56.6608,
102.5984

■ 66.5825, 68.7218,
104.3631

■ 78.9245, 82.4038,
106.3535

■ 92.9892, 97.7656,
108.5773

■ 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.



19.5015, 23.3037, 102.8985



28.1313, 23.3037, 97.6231



36.8782, 23.3037, 67.7489

Triad

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



28.1313, 23.3037, 97.6231



34.1210, 23.3037, 3.9277



9.8049, 23.3037, 18.2592

Complementary

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



28.1313, 23.3037, 97.6231



63.8019, 64.4590, 15.3847

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.



11.9804, 23.3037, 5.8360



28.1313, 23.3037, 97.6231



25.0269, 23.3037, 1.6895

Square

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



28.1313, 23.3037, 97.6231



40.8945, 23.3037, 12.6353



17.0821, 23.3037, 2.0606



10.2393, 23.3037, 44.6596

Rectangle

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



28.1313, 23.3037, 97.6231



40.9208, 23.3037, 44.4592



17.0821, 23.3037, 2.0606



10.2289, 23.3037, 12.7219

Sweetspot

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



28.1323, 23.3043, 97.6232



67.0063, 69.1956, 104.4322



48.9812, 77.1260, 67.1966



13.6721, 14.0602, 22.2432



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.



28.1323, 23.3043, 97.6232



23.1673, 16.3901, 96.5503



26.7907, 15.2641, 96.1420



17.4256, 18.2227, 22.8489



10.7804, 6.4703, 50.1153



1.1381, 0.8068, 4.9090

Inverse Universe

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



47.3251, 27.5075, 22.2173



44.0828, 23.3921, 13.8329



66.0570, 86.9997, 19.6166



18.2227, 18.0724, 19.7899



22.2296, 11.3811, 4.5937



2.2090, 1.1260, 0.6823

Previews

White Background



This preview shows how the XYZ color 28.1313, 23.3037, 97.6231 looks on a white background.

Color Contrast Check

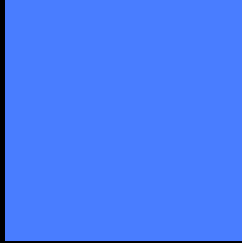
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1313, 23.3037, 97.6231 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 28.1313, 23.3037, 97.6231

Background



This preview shows how black text looks on a background with the XYZ color 28.1313, 23.3037, 97.6231.



This preview shows how white text looks on a background with the XYZ color 28.1313, 23.3037,

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

28.1313, 23.3037, 97.6231

Protanopia

27.2703, 23.2395, 97.6561

Deuteranopia

23.6594, 23.3261, 81.8527



Tritanopia

16.3647, 22.9921, 35.4737

Trichromacy



Original Color

28.1313, 23.3037, 97.6231

Protanomaly

27.4975, 23.1658, 97.6299

Deuteranomaly

24.5953, 22.8764, 87.1237

Tritanomaly

19.1661, 22.2602, 53.7386

Monochromacy



Original Color

28.1313, 23.3037, 97.6231

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.4797, 20.3971, 41.8874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1313, 23.3037, 97.6231 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(73, 125, 255)` looks like.

```
.text, #text, p{  
    color:rgb(73, 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(73, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 125, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.1313, 23.3037, 97.6231 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(73, 125, 255) }
```


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

```
.border{ border-color:rgb(73, 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(73, 125, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 125, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 125, 255);  
box-shadow:4px 4px 4px 4px rgb(73, 125,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1313, 23.3037, 97.6231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 125, 255) }
```

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

```
.background{ background-color: rgb(73, 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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