

Converting Colors

XYZ(36.7301, 23.0593, 97.1227)

Have a look what the booklet for
XYZ(36.7301, 23.0593, 97.1227)
contains.

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Color

**XYZ(36.7301, 23.0593,
97.1227)**

Conversions

Conversions Part 1

Format	Color
Hex	A060FF
RGB	160, 96, 255
RGB Percent	63%, 38%, 100%
CMY	0.3725, 0.6235, 0.0000
CMYK	0.37, 0.62, 0.00, 0.00
HSL	264°, 100%, 69%
HSV	264°, 62%, 100%
XYZ	36.7301, 23.0593, 97.1227
YIQ	133.2620, -12.8950, 63.0170

Conversions

Conversions Part 2

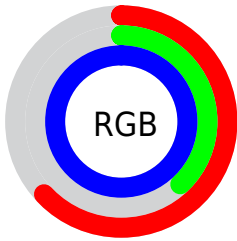
Format	Color
R_{YB}	160, 96, 255
Decimal	10510591
CIE _{Lab}	55.13, 57.58, -69.88
CIE _{LCh}	55, 90.548, 309.490
Yxy	23.0593, 0.2341, 0.1470
Android (android.graphics.Color)	4288700671 (0xFFA060FF)
YUV	133.2620, 60.0168, 23.4492
Hunter-Lab	48.0201, 52.4977, -86.3025

Details

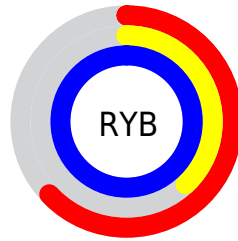
The XYZ color **36.7301, 23.0593, 97.1227** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **59.3565, 83.4405, 24.0439**, and the grayscale version is **22.1822, 23.3374, 25.4144**.

A 20% lighter version of the original color is **58.3126, 43.9305, 100.0138**, and **16.3456, 8.5993, 53.6216** is the 20% darker color. If you saturate the color by 10%, you get **31.9081, 17.6621, 96.3351**, and if you desaturate by 10%, it is **42.6815, 30.1587, 98.1794**.

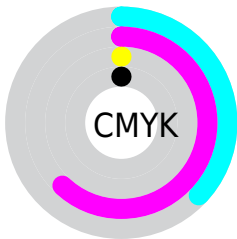
Distribution



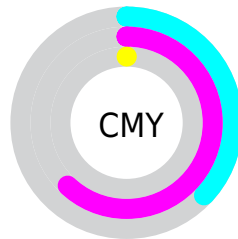
- Red (63%)
- Green (38%)
- Blue (100%)



- Red (63%)
- Yellow (38%)
- Blue (100%)



- Cyan (37%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7301, 23.0593, 97.1227 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 36.7301, 23.0593, 97.1227 by changing the saturation by 10% instead.

 36.7301, 23.0593,
97.1227


 36.7301, 23.0593,
97.1227


323.5164,
268.0294, 572.0955


 25.1713, 14.6373,
73.2963


 69.4740, 48.4907,
159.2147


 16.3341, 8.5652,
53.7250

 91.3898, 66.2688,
198.3174

 9.8533, 4.4587,
37.9902


 117.4887, 87.9345,
243.3493

 5.3633, 1.9333,
25.6733

 148.1360,
113.8721, 294.7289

 2.4989, 0.5683,
16.3558

183.6971,
144.4660, 352.8748

 0.8947, 0.0000,
9.6192

224.5372,

 0.0000, 0.0000,

180.1006, 418.2055

5.0449

271.0219,
221.1603, 491.1395

■ 0.0000, 0.0000,
2.2145

■ 0.0000, 0.0000,
0.6827

■ 36.7301, 23.0593,
97.1227

■ 36.7301, 23.0593,
97.1227

■ 31.9081, 17.6621,
96.3351

■ 42.6815, 30.1587,
98.1794

■ 28.1230, 13.8059,
95.7903

■ 49.8380, 39.0963,
99.5273

■ 25.2698, 11.3004,
95.4571

■ 58.2714, 49.9967,
101.1868

■ 23.6031, 10.0828,
95.3099

■ 68.0466, 62.9724,
103.1762

79.2240, 78.1275,
105.5123

91.8599, 95.5588,
108.2109

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.



25.2770, 23.0593, 129.5952



36.7301, 23.0593, 97.1227



45.5985, 23.0593, 50.0675

Triad

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



36.7301, 23.0593, 97.1227



29.4490, 23.0593, 0.7165



7.8020, 23.0593, 35.4377

Complementary

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



36.7301, 23.0593, 97.1227



59.3565, 83.4405, 24.0439

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.



8.2969, 23.0593, 10.2286



36.7301, 23.0593, 97.1227



18.8691, 23.0593, 0.4019

Square

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



36.7301, 23.0593, 97.1227



40.5775, 23.0593, 3.7482



11.7425, 23.0593, 1.9993



10.0876, 23.0593, 79.6765

Rectangle

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



36.7301, 23.0593, 97.1227



47.6328, 23.0593, 25.6062



11.7425, 23.0593, 1.9993



7.6697, 23.0593, 24.6157

Sweetspot

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



36.7311, 23.0600, 97.1228



71.6346, 67.8052, 103.9199



41.5923, 47.1434, 101.5152



14.6754, 13.6272, 22.1068



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.



36.7311, 23.0600, 97.1228



30.8089, 16.4982, 96.1684



57.8634, 33.9542, 98.1118



17.6951, 17.7346, 22.7404



12.4909, 5.3498, 49.8089



1.3357, 0.5825, 4.8553

Inverse Universe

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



54.8266, 33.3875, 52.8432



51.0967, 28.1136, 44.8605



44.5409, 75.8028, 23.3505



18.4650, 18.1693, 21.0658



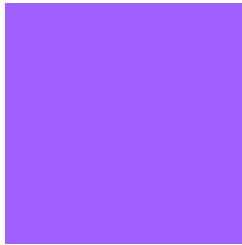
24.6011, 12.3297, 17.0819



2.4494, 1.2221, 1.9480

Previews

White Background



This preview shows how the XYZ color 36.7301, 23.0593, 97.1227 looks on a white background.

Color Contrast Check

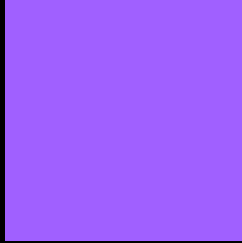
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7301, 23.0593, 97.1227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

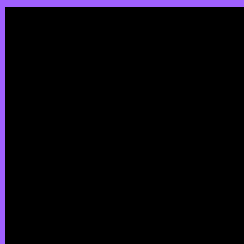
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.7301, 23.0593, 97.1227

Background



This preview shows how black text looks on a background with the XYZ color 36.7301, 23.0593, 97.1227.



This preview shows how white text looks on a background with the XYZ color 36.7301, 23.0593,

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

36.7301, 23.0593, 97.1227

Protanopia

27.3447, 23.4706, 97.6968

Deuteranopia

23.8043, 23.3841, 82.6158



Tritanopia

22.7372, 22.8282, 28.0188

Trichromacy



Original Color

36.7301, 23.0593, 97.1227



Protanomaly

28.8096, 22.0379, 97.3431



Deuteranomaly

24.7600, 21.0453, 87.5512



Tritanomaly

26.4818, 22.1197, 47.1298

Monochromacy



Original Color

36.7301, 23.0593, 97.1227



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

25.9800, 22.4469, 44.5584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7301, 23.0593, 97.1227 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(160, 96, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 96, 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(160, 96, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 96, 255) }
```

Border

The CSS property to change the border of an element to XYZ 36.7301, 23.0593, 97.1227 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(160, 96, 255) }
```


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

```
.border{ border-color:rgb(160, 96, 255) }
```

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

Here you see how a box with a 4 pixel rgb(160, 96, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 96, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 96, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 96,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7301, 23.0593, 97.1227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 96, 255) }
```

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

```
.background{ background-color: rgb(160, 96,  
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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