

Converting Colors

XYZ(23.2630, 9.9074, 95.2940)

Have a look what the booklet for
XYZ(23.2630, 9.9074, 95.2940)
contains.

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Color

**XYZ(23.3055, 9.9293,
95.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	6400FF
RGB	100, 0, 255
RGB Percent	39%, 0%, 100%
CMY	0.6078, 1.0000, 0.0000
CMYK	0.61, 1.00, 0.00, 0.00
HSL	264°, 100%, 50%
HSV	264°, 100%, 100%
XYZ	23.3055, 9.9293, 95.2960
YIQ	58.9700, -22.2550, 100.5050

Conversions

Conversions Part 2

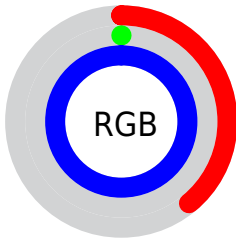
Format	Color
R_{YB}	100, 0, 255
Decimal	6553855
CIE _{Lab}	37.72, 81.42, -98.70
CIE _{LCh}	38, 127.946, 309.521
Yxy	9.9293, 0.1813, 0.0773
Android (android.graphics.Color)	4284743935 (0xFF6400FF)
YUV	58.9700, 96.6428, 35.9833
Hunter-Lab	31.5108, 76.8754, -157.2493

Details

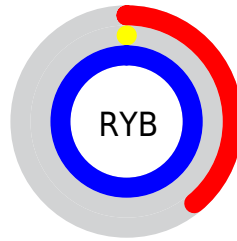
The XYZ color **23.3055, 9.9293, 95.2960** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **49.2760, 78.4878, 12.5525**, and the grayscale version is **4.0287, 4.2385, 4.6158**.

A 20% lighter version of the original color is **36.9944, 21.1368, 96.7377**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **23.3064, 9.9298, 95.2960**, and if you desaturate by 10%, it is **25.5455, 11.6161, 95.5035**.

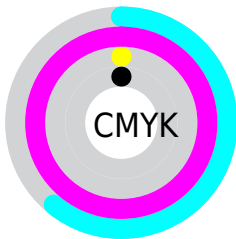
Distribution



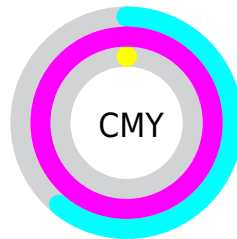
- Red (39%)
- Green (0%)
- Blue (100%)



- Red (39%)
- Yellow (0%)
- Blue (100%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)




- Cyan (61%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.3055, 9.9293, 95.2960 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 23.3055, 9.9293, 95.2960 by changing the saturation by 10% instead.


 23.3055, 9.9293,
95.2960


 23.3055, 9.9293,
95.2960


261.7964,
190.1667, 566.1207


 14.9412, 5.3521,
71.7831


 48.3574, 25.6624,
156.6726


 8.8642, 2.4553,
52.4958


 65.7758, 37.5872,
195.3733

 4.7091, 0.8541,
37.0154


 86.9428, 52.7299,
239.9738

 2.1106, 0.0000,
24.9236

 112.2240, 71.4749,
290.8925

 0.6950, 0.0000,
15.8016

 141.9845, 94.2068,
348.5480

 0.0000, 0.0000,
9.2310

 176.5899,

 0.0000, 0.0000,

121.3097, 413.3589

4.7933

216.4054,
153.1683, 485.7436

■ 0.0000, 0.0000,
2.0699

■ 0.0000, 0.0000,
0.5978

■ 23.3055, 9.9293,
95.2960

■ 23.3055, 9.9293,
95.2960

■ 23.3064, 9.9298,
95.2960

■ 25.5455, 11.6161,
95.5035

■ 28.5949, 14.4135,
95.8827

■ 32.6132, 18.6155,
96.4820

■ 37.7026, 24.4046,
97.3312

■ 43.9506, 31.9346,
98.4553

■ 51.4344, 41.3403,
99.8763

■ 60.2240, 52.7430,
101.6140

■ 70.3838, 66.2533,
103.6863

■ 81.9738, 81.9737,
106.1098

Harmonies

Analogous

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



12.2692, 9.9293, 142.5569



23.3055, 9.9293, 95.2960



32.9914, 9.9293, 35.2860

Triad

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



23.3055, 9.9293, 95.2960



16.0378, 9.9293, 0.0000



0.8890, 9.9293, 20.0458

Complementary

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



23.3055, 9.9293, 95.2960



49.2760, 78.4878, 12.5525

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.



1.0589, 9.9293, 1.4910



23.3055, 9.9293, 95.2960



7.0789, 9.9293, 0.0000

Square

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



23.3055, 9.9293, 95.2960



27.3822, 9.9293, 0.0000



2.5720, 9.9293, 0.0000



1.7822, 9.9293, 71.7400

Rectangle

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



23.3055, 9.9293, 95.2960



35.3205, 9.9293, 11.1902



2.5720, 9.9293, 0.0000



0.8452, 9.9293, 10.4411

Sweetspot

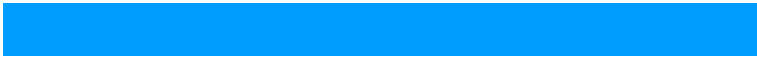
The Sweet Spot groups the original color and five complimentary colors.



23.3064, 9.9298, 95.2960



60.2240, 52.7430, 101.6140



30.1493, 31.4186, 99.0831



12.0622, 10.2065, 21.5842



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.



23.3064, 9.9298, 95.2960



49.1793, 23.2678, 96.5068



17.6769, 17.7251, 22.7396



12.3336, 5.2687, 49.8015



1.3193, 0.5740, 4.8545

Inverse Universe

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



47.1557, 23.6263, 33.0818



36.2882, 71.7923, 11.9447



18.4732, 18.1726, 21.1091



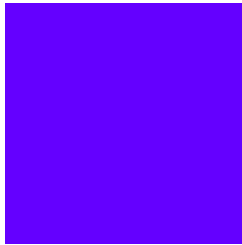
24.7154, 12.3755, 17.6836



2.4602, 1.2264, 2.0047

Previews

White Background



This preview shows how the XYZ color 23.3055, 9.9293, 95.2960 looks on a white background.

Color Contrast Check

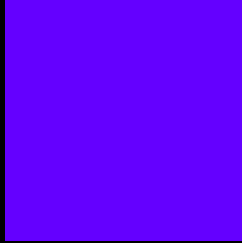
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 23.3055, 9.9293, 95.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.3055, 9.9293, 95.2960

Background



This preview shows how black text looks on a background with the XYZ color 23.3055, 9.9293, 95.2960.



This preview shows how white text looks on a background with the XYZ color 23.3055, 9.9293,

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

23.3055, 9.9293, 95.2960

Protanopia

11.8517, 10.1938, 45.5989

Deuteranopia

9.7435, 10.0209, 32.4310



Tritanopia

7.3842, 10.1237, 15.4748

Trichromacy



Original Color

23.3055, 9.9293, 95.2960

Protanomaly

13.6024, 7.7109, 61.0930

Deuteranomaly

11.6955, 7.2646, 50.0760

Tritanomaly

9.4295, 6.7566, 34.5254

Monochromacy



Original Color

23.3055, 9.9293, 95.2960

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

7.5464, 4.4538, 21.5810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3055, 9.9293, 95.2960 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(100, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(100, 0, 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(100, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 0, 255) }
```

Border

The CSS property to change the border of an element to XYZ 23.3055, 9.9293, 95.2960 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(100, 0, 255) }
```

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

```
.border{ border-color:rgb(100, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(100, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(100, 0,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3055, 9.9293, 95.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 0, 255) }
```

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

```
.background{ background-color: rgb(100, 0,  
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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