

Converting Colors

XYZ(23.1158, 10.6451, 95.4441)

Have a look what the booklet for
XYZ(23.1158, 10.6451, 95.4441)
contains.

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Color

**XYZ(23.1081, 10.6349,
95.4425)**

Conversions

Conversions Part 1

Format	Color
Hex	5D21FF
RGB	93, 33, 255
RGB Percent	36%, 13%, 100%
CMY	0.6353, 0.8706, 0.0000
CMYK	0.64, 0.87, 0.00, 0.00
HSL	256°, 100%, 56%
HSV	256°, 87%, 100%
XYZ	23.1081, 10.6349, 95.4425
YIQ	76.2480, -35.5020, 81.7620

Conversions

Conversions Part 2

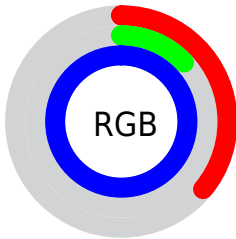
Format	Color
R _Y B	93, 33, 255
Decimal	6103551
CIE Lab	38.96, 75.17, -96.65
CIE LCh	39, 122.444, 307.876
Yxy	10.6349, 0.1789, 0.0823
Android (android.graphics.Color)	4284293631 (0xFF5D21FF)
YUV	76.2480, 88.1247, 14.6915
Hunter-Lab	32.6112, 69.4145, -150.6950

Details

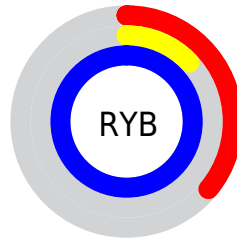
The XYZ color **23.1081, 10.6349, 95.4425** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **58.5360, 83.2298, 14.4182**, and the grayscale version is **6.7636, 7.1158, 7.7491**.

A 20% lighter version of the original color is **36.7774, 22.5557, 97.0230**, and **10.0780, 4.0312, 53.0703** is the 20% darker color. If you saturate the color by 10%, you get **20.9865, 8.8546, 95.2107**, and if you desaturate by 10%, it is **26.2214, 13.7158, 95.8731**.

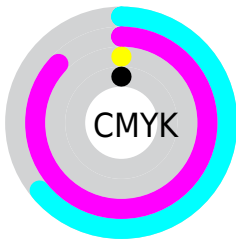
Distribution



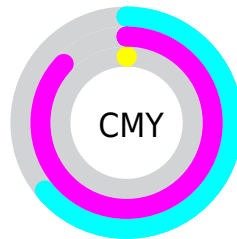
- Red (36%)
- Green (13%)
- Blue (100%)



- Red (36%)
- Yellow (13%)
- Blue (100%)



- Cyan (64%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1081, 10.6349, 95.4425 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 23.1081, 10.6349, 95.4425 by changing the saturation by 10% instead.


 23.1081, 10.6349,
95.4425


 23.1081, 10.6349,
95.4425


260.8047,
195.1453, 566.6011


 14.7945, 5.8219,
71.9044


 48.0361, 26.9830,
156.8766

 8.7606, 2.7371,
52.5942


 65.3812, 39.2870,
195.6097


 4.6412, 0.9961,
37.0934


 86.4675, 54.8566,
240.2449

 2.0709, 0.0000,
24.9835

 111.6604, 74.0765,
291.2008

 0.6733, 0.0000,
15.8458

 141.3252, 97.3309,
348.8957

 0.0000, 0.0000,
9.2620

 175.8273,

 0.0000, 0.0000,

125.0042, 413.7484

4.8133

215.5320,
157.4809, 486.1774

■ 0.0000, 0.0000,
2.0813

■ 0.0000, 0.0000,
0.6046

■ 23.1081, 10.6349,
95.4425

■ 23.1081, 10.6349,
95.4425

■ 20.9865, 8.8546,
95.2107

■ 26.2214, 13.7158,
95.8731

■ 20.4996, 8.4828,
95.1646

■ 30.4599, 18.3231,
96.5390

■ 35.9347, 24.6364,
97.4691

■ 42.7416, 32.8092,
98.6878

■ 50.9665, 42.9775,
100.2170

■ 60.6876, 55.2644,
102.0763

■ 71.9772, 69.7828,
104.2836

■ 84.9028, 86.6375,
106.8556

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.



12.4116, 10.6349, 137.2476



23.1081, 10.6349, 95.4425



32.6903, 10.6349, 38.0481

Triad

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



23.1081, 10.6349, 95.4425



17.2350, 10.6349, 0.0000



1.1747, 10.6349, 18.8839

Complementary

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



23.1081, 10.6349, 95.4425



58.5360, 83.2298, 14.4182

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.



1.4310, 10.6349, 1.5664



23.1081, 10.6349, 95.4425



8.1089, 10.6349, 0.0000

Square

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



23.1081, 10.6349, 95.4425



28.2148, 10.6349, 0.0000



3.2158, 10.6349, 0.0000



2.0972, 10.6349, 66.7862

Rectangle

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



23.1081, 10.6349, 95.4425



35.2550, 10.6349, 13.3245



3.2158, 10.6349, 0.0000



1.1423, 10.6349, 9.9941

Sweetspot

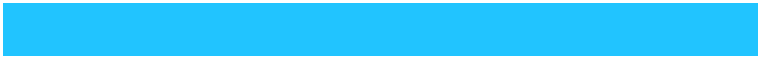
The Sweet Spot groups the original color and five complimentary colors.



23.1089, 10.6350, 95.4425



61.8101, 56.6974, 102.2937



38.3715, 46.9322, 101.6442



12.4596, 11.1543, 21.7462



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.



23.1089, 10.6350, 95.4425



20.4996, 8.4828, 95.1646



43.2764, 21.0318, 96.3864



17.4637, 17.6152, 22.7296



10.8324, 4.4948, 49.7312



1.1537, 0.4887, 4.8468

Inverse Universe

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



51.6322, 26.2868, 53.9730



50.1098, 24.8079, 48.6379



39.7622, 73.5515, 13.5396



18.5708, 18.2116, 21.6229



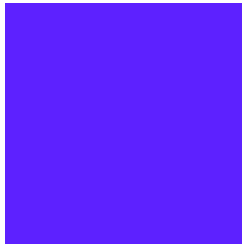
26.2492, 12.9890, 25.7605



2.6015, 1.2830, 2.7490

Previews

White Background



This preview shows how the XYZ color 23.1081, 10.6349, 95.4425 looks on a white background.

Color Contrast Check

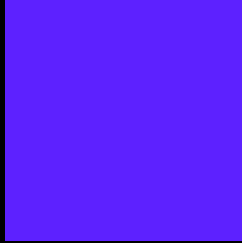
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.1081, 10.6349, 95.4425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

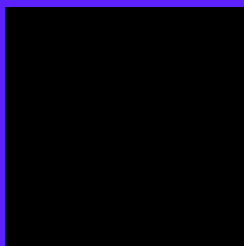
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.1081, 10.6349, 95.4425

Background



This preview shows how black text looks on a background with the XYZ color 23.1081, 10.6349, 95.4425.



This preview shows how white text looks on a background with the XYZ color 23.1081, 10.6349,

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

23.1081, 10.6349, 95.4425

Protanopia

12.2467, 10.4822, 47.2767

Tritanopia

7.4140, 10.4115, 16.0869

Trichromacy



Original Color

23.1081, 10.6349, 95.4425

Protanomaly

14.3597, 9.1275, 61.9777

Tritanomaly

9.7657, 8.1176, 35.2346

Monochromacy



Original Color

23.1081, 10.6349, 95.4425

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

9.9033, 6.9486, 26.0186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1081, 10.6349, 95.4425 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(93, 33, 255)` looks like.

```
.text, #text, p{  
    color:rgb(93, 33, 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(93, 33, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 33, 255) }
```

Border

The CSS property to change the border of an element to XYZ 23.1081, 10.6349, 95.4425 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(93, 33, 255) }
```

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

```
.border{ border-color:rgb(93, 33, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 33, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 33, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 33, 255);  
box-shadow:4px 4px 4px 4px rgb(93, 33,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 23.1081, 10.6349, 95.4425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 33, 255) }
```

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

```
.background{ background-color: rgb(93, 33,  
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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