

Converting Colors

XYZ(25.1431, 20.7926, 97.2959)

Have a look what the booklet for
XYZ(25.1431, 20.7926, 97.2959)
contains.

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Color

**XYZ(25.1925, 20.8726,
97.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	1A78FF
RGB	26, 120, 255
RGB Percent	10%, 47%, 100%
CMY	0.8979, 0.5294, 0.0000
CMYK	0.90, 0.53, 0.00, 0.00
HSL	215°, 100%, 55%
HSV	215°, 90%, 100%
XYZ	25.1925, 20.8726, 97.3088
YIQ	107.2840, -99.3590, 22.0570

Conversions

Conversions Part 2

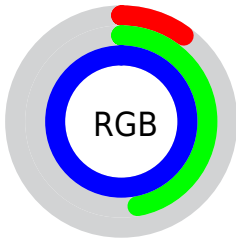
Format	Color
R _Y B	26, 93, 255
Decimal	1734911
CIE _{Lab}	52.81, 24.59, -74.01
CIE _{LCh}	53, 77.986, 288.376
Y _{xy}	20.8726, 0.1757, 0.1456
Android (android.graphics.Color)	4279924991 (0xFF1A78FF)
Y _{UV}	107.2840, 72.8240, -71.2861
Hunter-Lab	45.6865, 18.4771, -94.3025

Details

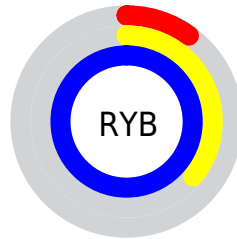
The XYZ color **25.1925, 20.8726, 97.3088** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **54.1782, 46.8374, 7.1645**, and the grayscale version is **13.8812, 14.6041, 15.9039**.

A 20% lighter version of the original color is **40.0841, 40.1974, 100.2540**, and **12.4606, 8.7963, 53.8644** is the 20% darker color. If you saturate the color by 10%, you get **23.1047, 17.3195, 96.7330**, and if you desaturate by 10%, it is **28.1114, 25.2756, 98.0048**.

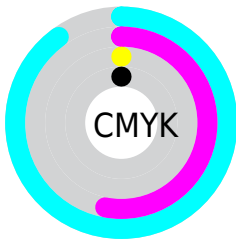
Distribution



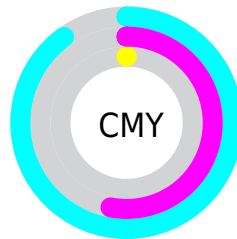
- Red (10%)
- Green (47%)
- Blue (100%)



- Red (10%)
- Yellow (36%)
- Blue (100%)



- Cyan (90%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1925, 20.8726, 97.3088 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 25.1925, 20.8726, 97.3088 by changing the saturation by 10% instead.

■ 25.1925, 20.8726,
97.3088

■ 25.1925, 20.8726,
97.3088

271.1252,
256.6007, 572.7023

■ 16.3500, 13.0309,
73.4506

■ 51.4100, 44.8754,
159.4734

■ 9.8646, 7.4498,
53.8504

■ 69.5157, 61.8053,
198.6169

■ 5.3708, 3.7450,
38.0897

■ 91.4399, 82.5334,
243.6925

■ 2.5034, 1.5320,
25.7500

■ 117.5479,
107.4441, 295.1189

■ 0.8970, 0.3111,
16.4126

■ 148.2051,
136.9218, 353.3145

■ 0.0000, 0.0000,
9.6591

183.7768,

■ 0.0000, 0.0000,

171.3508, 418.6979

5.0709

224.6284,
211.1157, 491.6877

■ 0.0000, 0.0000,
2.2294

■ 0.0000, 0.0000,
0.6913

■ 25.1925, 20.8726,
97.3088

■ 25.1925, 20.8726,
97.3088

■ 23.1047, 17.3195,
96.7330

■ 28.1114, 25.2756,
98.0048

■ 23.0658, 17.2516,
96.7219

■ 32.0312, 30.6345,
98.8326

■ 37.0648, 37.0247,
99.8007

■ 43.3074, 44.5115,
100.9168

■ 50.8431, 53.1538,
102.1877

■ 59.7478, 63.0057,
103.6200

■ 70.0912, 74.1172,
105.2196

■ 81.9381, 86.5352,
106.9921

■ 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.



16.8499, 20.8726, 100.9561



25.1925, 20.8726, 97.3088



33.9867, 20.8726, 67.3863

Triad

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



25.1925, 20.8726, 97.3088



32.1546, 20.8726, 2.9903



8.1194, 20.8726, 14.8399

Complementary

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



25.1925, 20.8726, 97.3088



54.1782, 46.8374, 7.1645

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.



10.2894, 20.8726, 4.0637



25.1925, 20.8726, 97.3088



23.1618, 20.8726, 1.0266

Square

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



25.1925, 20.8726, 97.3088



38.7038, 20.8726, 11.3234



15.3030, 20.8726, 1.2098



8.3853, 20.8726, 39.9861

Rectangle

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



25.1925, 20.8726, 97.3088



38.2322, 20.8726, 43.5662



15.3030, 20.8726, 1.2098



8.5573, 20.8726, 9.8887

Sweetspot

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



25.1934, 20.8731, 97.3088



62.4854, 65.9763, 104.0491



42.4971, 74.2641, 45.1686



12.6605, 13.3462, 22.1587



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.



25.1934, 20.8731, 97.3088



23.0658, 17.2516, 96.7219



19.5076, 8.5210, 95.2243



17.6152, 18.6020, 22.9121



12.1906, 9.2907, 50.5854



1.2913, 1.1133, 4.9601

Inverse Universe

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



45.0004, 23.3565, 19.9058



43.7718, 22.2727, 15.2620



70.5123, 89.4139, 14.5217



18.3184, 18.1107, 20.2939



22.9414, 11.6659, 8.3420



2.2864, 1.1569, 1.0896

Previews

White Background



This preview shows how the XYZ color 25.1925, 20.8726, 97.3088 looks on a white background.

Color Contrast Check

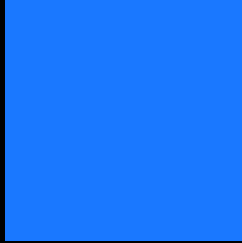
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1925, 20.8726, 97.3088 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

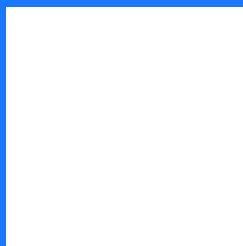
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1925, 20.8726, 97.3088

Background



This preview shows how black text looks on a background with the XYZ color 25.1925, 20.8726, 97.3088.



This preview shows how white text looks on a background with the XYZ color 25.1925, 20.8726,

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

25.1925, 20.8726, 97.3088

Protanopia

25.0159, 20.7815, 97.3005

Deuteranopia

20.7703, 20.6588, 71.2994



Tritanopia

14.5779, 20.6034, 31.2255

Trichromacy



Original Color

25.1925, 20.8726, 97.3088

Protanomaly

25.0757, 20.8124, 97.3033

Deuteranomaly

22.1543, 20.6085, 79.9010

Tritanomaly

17.3336, 20.1485, 49.9892

Monochromacy



Original Color

25.1925, 20.8726, 97.3088

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.3691, 15.7813, 35.9543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1925, 20.8726, 97.3088 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(26, 120, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 120, 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(26, 120, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 120, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.1925, 20.8726, 97.3088 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(26, 120, 255) }
```


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

```
.border{ border-color:rgb(26, 120, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 120, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 120, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 120, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 120,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1925, 20.8726, 97.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 120, 255) }
```

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

```
.background{ background-color: rgb(26, 120,  
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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