

Converting Colors

XYZ(25.5988, 19.8465, 97.0893)

Have a look what the booklet for
XYZ(25.5988, 19.8465, 97.0893)
contains.

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Color

**XYZ(25.6425, 19.9001,
97.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	3971FF
RGB	57, 113, 255
RGB Percent	22%, 44%, 100%
CMY	0.7764, 0.5569, 0.0000
CMYK	0.78, 0.56, 0.00, 0.00
HSL	223°, 100%, 61%
HSV	223°, 78%, 100%
XYZ	25.6425, 19.9001, 97.0973
YIQ	112.4440, -78.9580, 32.2900

Conversions

Conversions Part 2

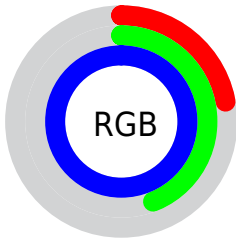
Format	Color
R _Y B	57, 101, 255
Decimal	3764735
CIE Lab	51.72, 31.17, -75.74
CIE LCh	52, 81.903, 292.366
Yxy	19.9001, 0.1798, 0.1395
Android (android.graphics.Color)	4281954815 (0xFF3971FF)
YUV	112.4440, 70.2801, -48.6244
Hunter-Lab	44.6095, 24.5389, -97.8242

Details

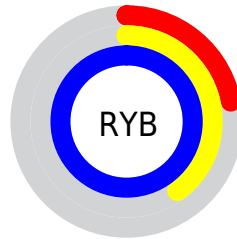
The XYZ color **25.6425, 19.9001, 97.0973** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **62.4065, 62.4106, 12.6305**, and the grayscale version is **15.3496, 16.1490, 17.5863**.

A 20% lighter version of the original color is **40.8412, 38.6765, 99.9205**, and **12.0263, 7.9276, 53.7197** is the 20% darker color. If you saturate the color by 10%, you get **22.6969, 15.6517, 96.4326**, and if you desaturate by 10%, it is **29.7301, 25.3475, 97.9334**.

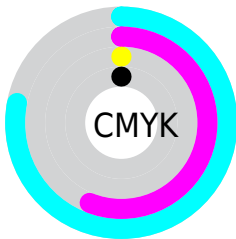
Distribution



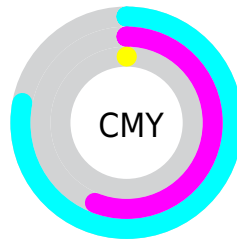
- Red (22%)
- Green (44%)
- Blue (100%)



- Red (22%)
- Yellow (40%)
- Blue (100%)



- Cyan (78%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6425, 19.9001, 97.0973 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 25.6425, 19.9001, 97.0973 by changing the saturation by 10% instead.

■ 25.6425, 19.9001,
97.0973

■ 25.6425, 19.9001,
97.0973

273.3117,
251.3738, 572.0126

■ 16.6877, 12.3224,
73.2753

■ 52.1331, 43.2496,
159.1794

■ 10.1060, 6.9637,
53.7079

■ 70.3995, 59.7903,
198.2765

■ 5.5321, 3.4394,
37.9766

■ 92.5005, 80.0874,
243.3024

■ 2.6006, 1.3652,
25.6628

■ 118.8015,
104.5254, 294.6756

■ 0.9463, 0.1909,
16.3481

149.6677,
133.4886, 352.8147

■ 0.0000, 0.0000,
9.6138

185.4646,

■ 0.0000, 0.0000,

167.3615, 418.1382

5.0414

226.5575,
206.5284, 491.0647

■ 0.0000, 0.0000,
2.2124

■ 0.0000, 0.0000,
0.6815

■ 25.6425, 19.9001,
97.0973

■ 25.6425, 19.9001,
97.0973

■ 22.6969, 15.6517,
96.4326

■ 29.7301, 25.3475,
97.9334

■ 20.7388, 12.4859,
95.9247

■ 35.0757, 32.0877,
98.9526

■ 20.3741, 11.8683,
95.8247

■ 41.7831, 40.2054,
100.1660

■ 49.9437, 49.7771,
101.5834

■ 59.6407, 60.8731,
103.2140

■ 70.9508, 73.5591,
105.0666

■ 83.9452, 87.8966,
107.1491

■ 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.



16.8775, 19.9001, 105.5569



25.6425, 19.9001, 97.0973



34.5313, 19.9001, 63.1352

Triad

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



25.6425, 19.9001, 97.0973



30.3962, 19.9001, 1.9032



7.1163, 19.9001, 16.1579

Complementary

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



25.6425, 19.9001, 97.0973



62.4065, 62.4106, 12.6305

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.



8.9004, 19.9001, 4.0488



25.6425, 19.9001, 97.0973



21.1091, 19.9001, 0.5595

Square

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



25.6425, 19.9001, 97.0973



37.7877, 19.9001, 8.5365



13.4800, 19.9001, 0.9395



7.6813, 19.9001, 44.0612

Rectangle

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



25.6425, 19.9001, 97.0973



38.5055, 19.9001, 38.6226



13.4800, 19.9001, 0.9395



7.4373, 19.9001, 10.5827

Sweetspot

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



25.6434, 19.9006, 97.0974



64.6838, 66.5581, 104.0455



47.7461, 76.5095, 66.2263



12.9981, 13.2924, 22.1306



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.



25.6434, 19.9006, 97.0974



21.5379, 13.8296, 96.1419



24.7600, 12.8524, 95.7835



17.4212, 18.2140, 22.8474



10.7543, 6.4183, 50.1066



1.1350, 0.8008, 4.9080

Inverse Universe

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



45.6846, 25.3802, 18.1137



43.0899, 22.3422, 10.6164



63.6803, 85.8281, 17.0834



18.2205, 18.0715, 19.7783



22.2165, 11.3759, 4.5245



2.2075, 1.1254, 0.6743

Previews

White Background



This preview shows how the XYZ color 25.6425, 19.9001, 97.0973 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 25.6425, 19.9001, 97.0973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

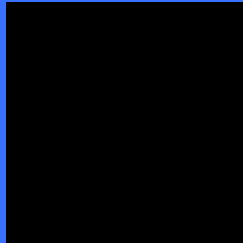
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6425, 19.9001, 97.0973

Background



This preview shows how black text looks on a background with the XYZ color 25.6425, 19.9001, 97.0973.



This preview shows how white text looks on a background with the XYZ color 25.6425, 19.9001,

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

25.6425, 19.9001, 97.0973

Protanopia

23.7338, 19.8590, 93.0247

Deuteranopia

19.7283, 19.6251, 67.7140



Tritanopia

13.9150, 19.6527, 29.8480

Trichromacy



Original Color

25.6425, 19.9001, 97.0973

Protanomaly

24.1253, 19.6785, 94.6222

Deuteranomaly

21.4296, 19.5473, 77.5065

Tritanomaly

16.7854, 19.1006, 48.7010

Monochromacy



Original Color

25.6425, 19.9001, 97.0973

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.9086, 16.5440, 37.4241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6425, 19.9001, 97.0973 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(57, 113, 255)` looks like.

```
.text, #text, p{  
    color:rgb(57, 113, 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(57, 113, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 113, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.6425, 19.9001, 97.0973 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(57, 113, 255) }
```


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

```
.border{ border-color:rgb(57, 113, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 113, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 113, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 113, 255);  
box-shadow:4px 4px 4px 4px rgb(57, 113,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6425, 19.9001, 97.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 113, 255) }
```

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

```
.background{ background-color: rgb(57, 113,  
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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