

Converting Colors

XYZ(25.0885, 19.2704, 97.0050)

Have a look what the booklet for
XYZ(25.0885, 19.2704, 97.0050)
contains.

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Color

**XYZ(25.0997, 19.2927,
97.0087)**

Conversions

Conversions Part 1

Format	Color
Hex	336FFF
RGB	51, 111, 255
RGB Percent	20%, 44%, 100%
CMY	0.7999, 0.5647, 0.0000
CMYK	0.80, 0.56, 0.00, 0.00
HSL	222°, 100%, 60%
HSV	222°, 80%, 100%
XYZ	25.0997, 19.2927, 97.0087
YIQ	109.4760, -81.9840, 32.0640

Conversions

Conversions Part 2

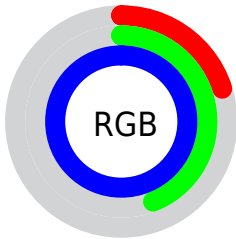
Format	Color
R_{YB}	51, 97, 255
Decimal	3371007
CIE _{Lab}	51.03, 31.87, -76.88
CIE _{LCh}	51, 83.227, 292.516
Yxy	19.2927, 0.1775, 0.1364
Android (android.graphics.Color)	4281561087 (0xFF336FFF)
YUV	109.4760, 71.7433, -51.2835
Hunter-Lab	43.9235, 25.1363, -100.2006

Details

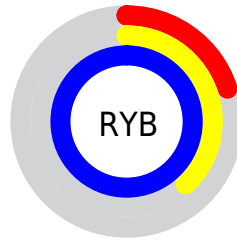
The XYZ color **25.0997, 19.2927, 97.0087** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **61.3574, 60.5381, 11.5853**, and the grayscale version is **14.4919, 15.2466, 16.6035**.

A 20% lighter version of the original color is **40.0236, 37.7278, 99.7805**, and **11.9683, 7.8118, 53.7004** is the 20% darker color. If you saturate the color by 10%, you get **22.3780, 15.2617, 96.3741**, and if you desaturate by 10%, it is **28.9224, 24.4788, 97.8082**.

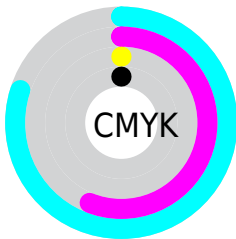
Distribution



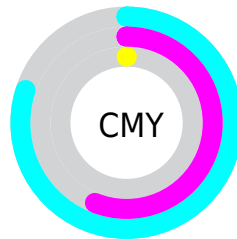
- Red (20%)
- Green (44%)
- Blue (100%)



- Red (20%)
- Yellow (38%)
- Blue (100%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0997, 19.2927, 97.0087 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 25.0997, 19.2927, 97.0087 by changing the saturation by 10% instead.

■ 25.0997, 19.2927,
97.0087

■ 25.0997, 19.2927,
97.0087

270.6726,
248.0599, 571.7236

■ 16.2805, 11.8820,
73.2018

■ 51.2606, 42.2281,
159.0562

■ 9.8149, 6.6634,
53.6482

■ 69.3331, 58.5216,
198.1339

■ 5.3378, 3.2525,
37.9292

■ 91.2206, 78.5447,
243.1389

■ 2.4835, 1.2649,
25.6264

■ 117.2887,
102.6820, 294.4899

■ 0.8870, 0.1138,
16.3211

147.9025,
131.3178, 352.6053

■ 0.0000, 0.0000,
9.5948

183.4275,

■ 0.0000, 0.0000,

164.8364, 417.9037

5.0291

224.2291,
203.6223, 490.8036

■ 0.0000, 0.0000,
2.2053

■ 0.0000, 0.0000,
0.6774

■ 25.0997, 19.2927,
97.0087

■ 25.0997, 19.2927,
97.0087

■ 22.3780, 15.2617,
96.3741

■ 28.9224, 24.4788,
97.8082

■ 20.5661, 12.2518,
95.8886

■ 33.9659, 30.9143,
98.7846

■ 20.5649, 12.2498,
95.8883

■ 40.3359, 38.6840,
99.9486

■ 48.1253, 47.8639,
101.3099

■ 57.4180, 58.5237,
102.8777

■ 68.2912, 70.7284,
104.6603

■ 80.8166, 84.5387,
106.6659

■ 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.



16.3496, 19.2927, 105.7824



25.0997, 19.2927, 97.0087



34.0057, 19.2927, 62.4969

Triad

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



25.0997, 19.2927, 97.0087



29.7700, 19.2927, 1.6531



6.6854, 19.2927, 15.6323

Complementary

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



25.0997, 19.2927, 97.0087



61.3574, 60.5381, 11.5853

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.



8.4176, 19.2927, 3.7237



25.0997, 19.2927, 97.0087



20.4796, 19.2927, 0.3818

Square

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



25.0997, 19.2927, 97.0087



37.2174, 19.2927, 7.9792



12.9134, 19.2927, 0.7758



7.2481, 19.2927, 43.6199

Rectangle

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



25.0997, 19.2927, 97.0087



37.9854, 19.2927, 37.8048



12.9134, 19.2927, 0.7758



6.9948, 19.2927, 10.1086

Sweetspot

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



25.1006, 19.2931, 97.0087



63.7393, 65.6479, 103.9196



46.8420, 76.1106, 63.1466



12.8235, 13.1302, 22.1085



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.



25.1006, 19.2931, 97.0087



21.2088, 13.3481, 96.0664



23.6299, 11.8551, 95.6506



17.4382, 18.2480, 22.8531



10.8572, 6.6240, 50.1409



1.1469, 0.8245, 4.9120

Inverse Universe

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



45.2939, 24.7770, 17.4340



42.8807, 22.0934, 10.0237



64.1490, 86.0860, 16.3694



18.2291, 18.0749, 19.8235



22.2684, 11.3967, 4.7980



2.2135, 1.1278, 0.7058

Previews

White Background



This preview shows how the XYZ color 25.0997, 19.2927, 97.0087 looks on a white background.

Color Contrast Check

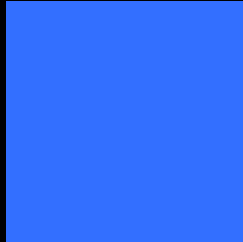
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0997, 19.2927, 97.0087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

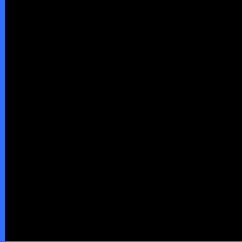
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0997, 19.2927, 97.0087

Background



This preview shows how black text looks on a background with the XYZ color 25.0997, 19.2927, 97.0087.



This preview shows how white text looks on a background with the XYZ color 25.0997, 19.2927,

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

25.0997, 19.2927, 97.0087

Deuteranopia

19.0913, 19.1688, 64.9811

Tritanopia

13.4830, 19.0334, 28.9498

Trichromacy



Original Color

25.0997, 19.2927, 97.0087

Deuteranomaly

20.8690, 18.9335, 75.9534

Tritanomaly

16.3811, 18.5208, 48.0589

Monochromacy



Original Color

25.0997, 19.2927, 97.0087

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.1220, 15.8352, 36.3892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0997, 19.2927, 97.0087 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(51, 111, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 111, 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(51, 111, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 111, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.0997, 19.2927, 97.0087 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(51, 111, 255) }
```

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

```
.border{ border-color:rgb(51, 111, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 111, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 111, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 111, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 111,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 25.0997, 19.2927, 97.0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 111, 255) }
```

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

```
.background{ background-color: rgb(51, 111,  
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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