

Converting Colors

XYZ(25.6377, 21.4629, 97.3992)

Have a look what the booklet for
XYZ(25.6377, 21.4629, 97.3992)
contains.

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Color

**XYZ(25.6367, 21.4624,
97.3992)**

Conversions

Conversions Part 1

Format	Color
Hex	217AFF
RGB	33, 122, 255
RGB Percent	13%, 48%, 100%
CMY	0.8705, 0.5216, 0.0000
CMYK	0.87, 0.52, 0.00, 0.00
HSL	216°, 100%, 56%
HSV	216°, 87%, 100%
XYZ	25.6367, 21.4624, 97.3992
YIQ	110.5510, -95.7370, 22.4950

Conversions

Conversions Part 2

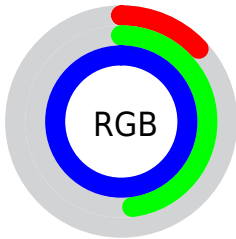
Format	Color
R _Y B	33, 97, 255
Decimal	2194175
CIE Lab	53.45, 23.69, -72.96
CIE LCh	53, 76.712, 287.991
Yxy	21.4624, 0.1774, 0.1485
Android (android.graphics.Color)	4280384255 (0xFF217AFF)
YUV	110.5510, 71.2134, -68.0122
Hunter-Lab	46.3275, 17.7050, -92.2223

Details

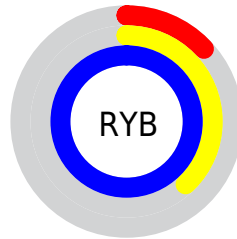
The XYZ color **25.6367, 21.4624, 97.3992** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **55.1562, 48.6526, 7.9248**, and the grayscale version is **14.8032, 15.5741, 16.9602**.

A 20% lighter version of the original color is **40.9318, 41.4852, 100.4578**, and **12.5941, 9.0634, 53.9089** is the 20% darker color. If you saturate the color by 10%, you get **23.3729, 17.7259, 96.7973**, and if you desaturate by 10%, it is **28.8112, 26.1062, 98.1282**.

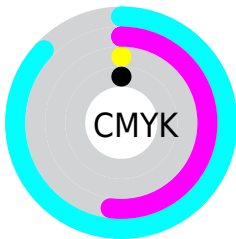
Distribution



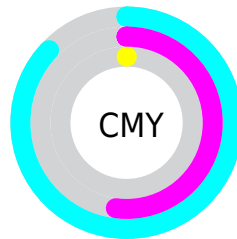
- Red (13%)
- Green (48%)
- Blue (100%)



- Red (13%)
- Yellow (38%)
- Blue (100%)



- Cyan (87%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6367, 21.4624, 97.3992 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 25.6367, 21.4624, 97.3992 by changing the saturation by 10% instead.

■ 25.6367, 21.4624,
97.3992

■ 25.6367, 21.4624,
97.3992

273.2836,
259.7258, 572.9969

■ 16.6833, 13.4624,
73.5256

■ 52.1238, 45.8558,
159.5990

■ 10.1029, 7.7477,
53.9114

■ 70.3881, 63.0181,
198.7623

■ 5.5300, 3.9340,
38.1381

■ 92.4869, 84.0032,
243.8592

■ 2.5994, 1.6367,
25.7872

■ 118.7854,
109.1956, 295.3083

■ 0.9456, 0.3821,
16.4402

■ 149.6489,
138.9797, 353.5280

■ 0.0000, 0.0000,
9.6785

185.4429,

■ 0.0000, 0.0000,

173.7398, 418.9370

5.0835

226.5327,
213.8604, 491.9538

■ 0.0000, 0.0000,
2.2367

■ 0.0000, 0.0000,
0.6955

■ 25.6367, 21.4624,
97.3992

■ 25.6367, 21.4624,
97.3992

■ 23.3729, 17.7259,
96.7973

■ 28.8112, 26.1062,
98.1282

■ 22.8221, 16.7642,
96.6407

■ 33.0277, 31.7442,
98.9942

■ 38.3944, 38.4499,
100.0057

■ 45.0036, 46.2881,
101.1703

■ 52.9375, 55.3171,
102.4949

■ 62.2707, 65.5909,
103.9860

■ 73.0718, 77.1596,
105.6497

■ 85.4050, 90.0704,
107.4917

■ 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.



17.3074, 21.4624, 100.5753



25.6367, 21.4624, 97.3992



34.4115, 21.4624, 68.1548

Triad

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



25.6367, 21.4624, 97.3992



32.7973, 21.4624, 3.3619



8.5838, 21.4624, 15.2146

Complementary

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



25.6367, 21.4624, 97.3992



55.1562, 48.6526, 7.9248

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.



10.8247, 21.4624, 4.3566



25.6367, 21.4624, 97.3992



23.8392, 21.4624, 1.2165

Square

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



25.6367, 21.4624, 97.3992



39.2453, 21.4624, 12.0605



15.9288, 21.4624, 1.3936



8.8239, 21.4624, 40.1673

Rectangle

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



25.6367, 21.4624, 97.3992



38.6666, 21.4624, 44.5637



15.9288, 21.4624, 1.3936



9.0407, 21.4624, 10.2554

Sweetspot

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



25.6377, 21.4629, 97.3992



63.3324, 66.7414, 104.1521



42.9553, 74.4707, 46.5317



12.8176, 13.4828, 22.1768



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.



25.6377, 21.4629, 97.3992



22.8221, 16.7642, 96.6407



19.9865, 9.0268, 95.2967



17.6005, 18.5727, 22.9072



12.0615, 9.0326, 50.5423



1.2779, 1.0865, 4.9556

Inverse Universe

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



45.2975, 23.7544, 20.6100



43.6487, 22.2235, 14.6142



70.7940, 89.5489, 14.9944



18.3110, 18.1077, 20.2550



22.8763, 11.6398, 7.9990



2.2796, 1.1542, 1.0539

Previews

White Background



This preview shows how the XYZ color 25.6367, 21.4624, 97.3992 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 25.6367, 21.4624, 97.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

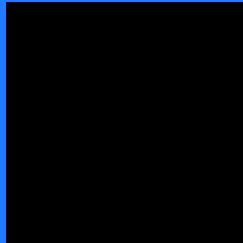
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

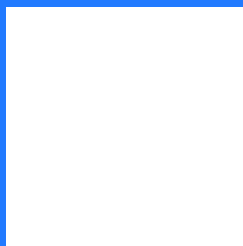
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6367, 21.4624, 97.3992

Background



This preview shows how black text looks on a background with the XYZ color 25.6367, 21.4624, 97.3992.



This preview shows how white text looks on a background with the XYZ color 25.6367, 21.4624,

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

25.6367, 21.4624, 97.3992

Protanopia

25.6367, 21.4624, 97.3992

Deuteranopia

21.5732, 21.4015, 74.2280



Tritanopia

15.0299, 21.2518, 32.1640

Trichromacy



Original Color

25.6367, 21.4624, 97.3992

Protanomaly

25.6367, 21.4624, 97.3992

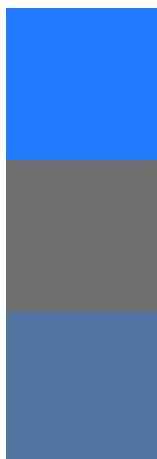
Deuteranomaly

22.8813, 21.3130, 82.2647

Tritanomaly

17.7538, 20.7592, 50.6482

Monochromacy



Original Color

25.6367, 21.4624, 97.3992

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.3089, 16.7448, 37.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6367, 21.4624, 97.3992 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(33, 122, 255)` looks like.

```
.text, #text, p{  
    color:rgb(33, 122, 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(33, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 122, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.6367, 21.4624, 97.3992 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(33, 122, 255) }
```


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

```
.border{ border-color:rgb(33, 122, 255) }
```

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

Here you see how a box with a 4 pixel rgb(33, 122, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 122, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 122, 255);  
box-shadow:4px 4px 4px 4px rgb(33, 122,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6367, 21.4624, 97.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 122, 255) }
```

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

```
.background{ background-color: rgb(33, 122,  
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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