

Converting Colors

XYZ(25.3340, 21.4500, 97.4128)

Have a look what the booklet for
XYZ(25.3340, 21.4500, 97.4128)
contains.

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Color

**XYZ(25.3641, 21.5051,
97.4218)**

Conversions

Conversions Part 1

Format	Color
Hex	117BFF
RGB	17, 123, 255
RGB Percent	7%, 48%, 100%
CMY	0.9331, 0.5176, 0.0000
CMYK	0.93, 0.52, 0.00, 0.00
HSL	213°, 100%, 53%
HSV	213°, 93%, 100%
XYZ	25.3641, 21.5051, 97.4218
YIQ	106.3540, -105.5480, 18.5800

Conversions

Conversions Part 2

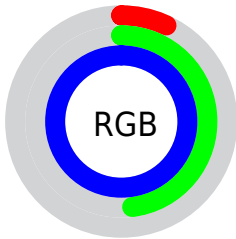
Format	Color
R _Y B	17, 90, 255
Decimal	1145855
CIE Lab	53.50, 22.35, -72.90
CIE LCh	53, 76.245, 287.043
Yxy	21.5051, 0.1758, 0.1490
Android (android.graphics.Color)	4279335935 (0xFF117BFF)
YUV	106.3540, 73.2825, -78.3635
Hunter-Lab	46.3736, 16.4770, -92.0951

Details

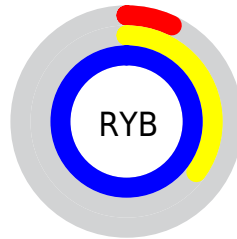
The XYZ color **25.3641, 21.5051, 97.4218** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **52.0971, 42.8116, 6.0501**, and the grayscale version is **13.6270, 14.3367, 15.6127**.

A 20% lighter version of the original color is **40.4502, 41.5248, 100.4909**, and **12.6625, 9.2001, 53.9317** is the 20% darker color. If you saturate the color by 10%, you get **24.0157, 19.1514, 97.0386**, and if you desaturate by 10%, it is **27.9940, 25.6568, 98.0846**.

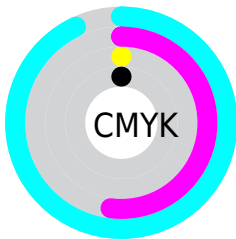
Distribution



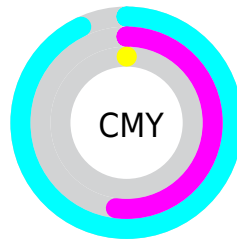
- Red (7%)
- Green (48%)
- Blue (100%)



- Red (7%)
- Yellow (35%)
- Blue (100%)



- Cyan (93%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3641, 21.5051, 97.4218 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 25.3641, 21.5051, 97.4218 by changing the saturation by 10% instead.

■ 25.3641, 21.5051,
97.4218

■ 25.3641, 21.5051,
97.4218

271.9607,
259.9508, 573.0706

■ 16.4787, 13.4937,
73.5443

■ 51.6859, 45.9267,
159.6304

■ 9.9565, 7.7694,
53.9266

■ 69.8531, 63.1056,
198.7987

■ 5.4322, 3.9477,
38.1502

■ 91.8449, 84.1092,
243.9009

■ 2.5403, 1.6444,
25.7966

■ 118.0266,
109.3219, 295.3556

■ 0.9156, 0.3872,
16.4471

■ 148.7637,
139.1280, 353.5814

■ 0.0000, 0.0000,
9.6833

184.4216,

■ 0.0000, 0.0000,

173.9119, 418.9968

5.0866

225.3654,
214.0580, 492.0204

■ 0.0000, 0.0000,
2.2386

■ 0.0000, 0.0000,
0.6965

■ 25.3641, 21.5051,
97.4218

■ 25.3641, 21.5051,
97.4218

■ 24.0157, 19.1514,
97.0386

■ 27.9940, 25.6568,
98.0846

■ 31.5511, 30.6781,
98.8663

■ 36.1544, 36.6445,
99.7753

■ 41.9021, 43.6202,
100.8188

■ 48.8797, 51.6623,
102.0033

■ 57.1641, 60.8227,
103.3348

■ 66.8252, 71.1495,
104.8189

■ 77.9279, 82.6874,
106.4608

■ 90.5326, 95.4785,
108.2654

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.1364, 21.5051, 99.5714



25.3641, 21.5051, 97.4218



34.1224, 21.5051, 68.9915

Triad

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



25.3641, 21.5051, 97.4218



33.0269, 21.5051, 3.5717



8.6908, 21.5051, 14.7552

Complementary

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



25.3641, 21.5051, 97.4218



52.0971, 42.8116, 6.0501

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.



11.0131, 21.5051, 4.2545



25.3641, 21.5051, 97.4218



24.1429, 21.5051, 1.2837

Square

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



25.3641, 21.5051, 97.4218



39.2877, 21.5051, 12.6060



16.1983, 21.5051, 1.4065



8.8546, 21.5051, 39.1113

Rectangle

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



25.3641, 21.5051, 97.4218



38.4425, 21.5051, 45.5342



16.1983, 21.5051, 1.4065



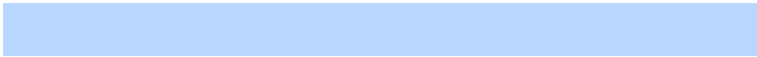
9.1737, 21.5051, 9.9503

Sweetspot

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



25.3651, 21.5056, 97.4219



62.1217, 66.1616, 104.1040



41.3313, 73.7753, 40.0467



12.4284, 13.2278, 22.1481



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.



25.3651, 21.5056, 97.4219



24.0157, 19.1514, 97.0386



18.7565, 7.8829, 95.1407



17.6688, 18.7092, 22.9299



12.6923, 10.2942, 50.7526



1.3428, 1.2162, 4.9773

Inverse Universe

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



45.0164, 23.0925, 20.8236



44.2512, 22.4645, 17.7868



72.8591, 90.6336, 14.1864



18.3455, 18.1215, 20.4364



23.1947, 11.7672, 9.6756



2.3124, 1.1673, 1.2264

Previews

White Background



This preview shows how the XYZ color 25.3641, 21.5051, 97.4218 looks on a white background.

Color Contrast Check

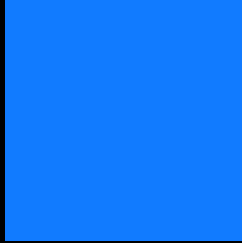
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3641, 21.5051, 97.4218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

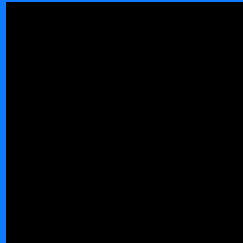
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

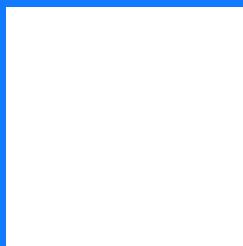
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3641, 21.5051, 97.4218

Background



This preview shows how black text looks on a background with the XYZ color 25.3641, 21.5051, 97.4218.



This preview shows how white text looks on a background with the XYZ color 25.3641, 21.5051,

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

25.3641, 21.5051, 97.4218

Protanopia

25.5765, 21.4499, 96.5581

Deuteranopia

21.5732, 21.4015, 74.2280



Tritanopia

15.0299, 21.2518, 32.1640

Trichromacy



Original Color

25.3641, 21.5051, 97.4218

Protanomaly

25.3556, 21.3360, 96.5478

Deuteranomaly

22.8048, 21.2736, 82.2612

Tritanomaly

17.6773, 20.7198, 50.6446

Monochromacy



Original Color

25.3641, 21.5051, 97.4218

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.9634, 15.5823, 35.4767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3641, 21.5051, 97.4218 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(17, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(17, 123, 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(17, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 123, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.3641, 21.5051, 97.4218 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(17, 123, 255) }
```


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

```
.border{ border-color:rgb(17, 123, 255) }
```

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

Here you see how a box with a 4 pixel rgb(17, 123, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(17, 123,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3641, 21.5051, 97.4218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 123, 255) }
```

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

```
.background{ background-color: rgb(17, 123,  
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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