

Converting Colors

XYZ(26.3445, 22.0778, 97.4807)

Have a look what the booklet for
XYZ(26.3445, 22.0778, 97.4807)
contains.

XYZ(26.3052, 21.9903, 97.4658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.3052, 21.9903,
97.4658)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7BFF
RGB	47, 123, 255
RGB Percent	18%, 48%, 100%
CMY	0.8156, 0.5176, 0.0000
CMYK	0.82, 0.52, 0.00, 0.00
HSL	218°, 100%, 59%
HSV	218°, 82%, 100%
XYZ	26.3052, 21.9903, 97.4658
YIQ	115.3240, -87.6680, 24.9400

Conversions

Conversions Part 2

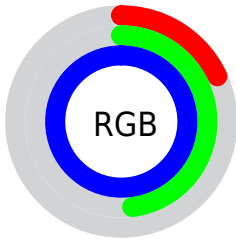
Format	Color
R _Y B	47, 103, 255
Decimal	3111935
CIE Lab	54.02, 24.04, -72.03
CIE LCh	54, 75.938, 288.459
Yxy	21.9903, 0.1805, 0.1509
Android (android.graphics.Color)	4281302015 (0xFF2F7BFF)
YUV	115.3240, 68.8603, -59.9201
Hunter-Lab	46.8938, 18.0658, -90.4048

Details

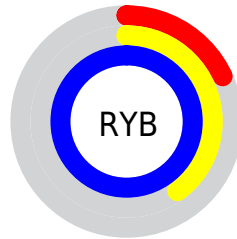
The XYZ color **26.3052, 21.9903, 97.4658** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **57.8772, 53.7129, 10.0085**, and the grayscale version is **16.2125, 17.0568, 18.5749**.

A 20% lighter version of the original color is **41.9842, 42.3156, 100.5627**, and **12.6625, 9.2001, 53.9317** is the 20% darker color. If you saturate the color by 10%, you get **23.6089, 17.8623, 96.8112**, and if you desaturate by 10%, it is **30.0207, 27.1365, 98.2633**.

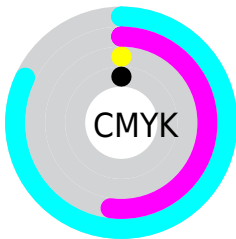
Distribution



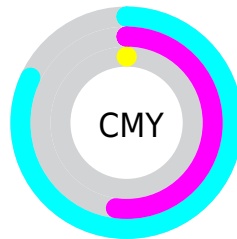
- Red (18%)
- Green (48%)
- Blue (100%)



- Red (18%)
- Yellow (40%)
- Blue (100%)



- Cyan (82%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3052, 21.9903, 97.4658 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 26.3052, 21.9903, 97.4658 by changing the saturation by 10% instead.

■ 26.3052, 21.9903,
97.4658

■ 26.3052, 21.9903,
97.4658

276.5064,
262.4956, 573.2140

■ 17.1860, 13.8498,
73.5808

■ 53.1947, 46.7300,
159.6916

■ 10.4633, 8.0163,
53.9563

■ 71.6957, 64.0979,
198.8695

■ 5.7718, 4.1054,
38.1738

■ 94.0546, 85.3104,
243.9820

■ 2.7462, 1.7327,
25.8147

■ 120.6369,
110.7519, 295.4478

■ 1.0210, 0.4447,
16.4605

151.8079,
140.8068, 353.6853

■ 0.0000, 0.0000,
9.6928

187.9329,

■ 0.0000, 0.0000,

175.8594, 419.1132

5.0928

229.3773,
216.2942, 492.1499

■ 0.0000, 0.0000,
2.2421

■ 0.0000, 0.0000,
0.6985

■ 26.3052, 21.9903,
97.4658

■ 26.3052, 21.9903,
97.4658

■ 23.6089, 17.8623,
96.8112

■ 30.0207, 27.1365,
98.2633

■ 21.9783, 15.0767,
96.3594

■ 34.8718, 33.3833,
99.2134

■ 40.9603, 40.8044,
100.3249

■ 48.3749, 49.4654,
101.6059

■ 57.1954, 59.4265,
103.0637

■ 67.4952, 70.7435,
104.7052

■ 79.3421, 83.4686,
106.5370

■ 92.7996, 97.6511,
108.5652

■ 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.



17.9007, 21.9903, 101.1078



26.3052, 21.9903, 97.4658



35.0739, 21.9903, 68.1474

Triad

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



26.3052, 21.9903, 97.4658



33.2071, 21.9903, 3.5479



8.9405, 21.9903, 15.9934

Complementary

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



26.3052, 21.9903, 97.4658



57.8772, 53.7129, 10.0085

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.



11.1764, 21.9903, 4.7406



26.3052, 21.9903, 97.4658



24.2193, 21.9903, 1.3522

Square

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



26.3052, 21.9903, 97.4658



39.7230, 21.9903, 12.2972



16.2930, 21.9903, 1.5708



9.2231, 21.9903, 41.2892

Rectangle

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



26.3052, 21.9903, 97.4658



39.2793, 21.9903, 44.6614



16.2930, 21.9903, 1.5708



9.3924, 21.9903, 10.8899

Sweetspot

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



26.3062, 21.9908, 97.4659



64.8433, 67.8557, 104.2876



45.0436, 75.3690, 54.6838



13.0848, 13.6527, 22.1956



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.



26.3062, 21.9908, 97.4659



22.3329, 15.6911, 96.4594



21.9494, 10.7403, 95.5240



17.5463, 18.4643, 22.8891



11.6135, 8.1366, 50.3930



1.2305, 0.9917, 4.9398

Inverse Universe

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



45.8324, 24.7246, 21.0958



43.4250, 22.2226, 13.1628



68.0370, 88.1001, 16.1104



18.2837, 18.0968, 20.1109



22.6502, 11.5494, 6.8082



2.2557, 1.1447, 0.9280

Previews

White Background



This preview shows how the XYZ color 26.3052, 21.9903, 97.4658 looks on a white background.

Color Contrast Check

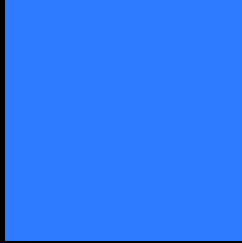
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3052, 21.9903, 97.4658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

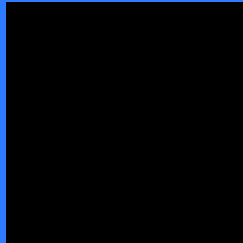
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

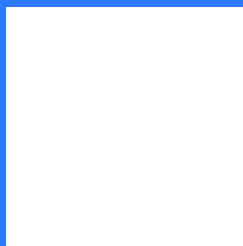
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3052, 21.9903, 97.4658

Background



This preview shows how black text looks on a background with the XYZ color 26.3052, 21.9903, 97.4658.



This preview shows how white text looks on a background with the XYZ color 26.3052, 21.9903,

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

26.3052, 21.9903, 97.4658

Protanopia

26.1721, 22.1067, 97.4953

Deuteranopia

22.1199, 21.8340, 76.4473



Tritanopia

15.3405, 21.6130, 33.0690

Trichromacy



Original Color

26.3052, 21.9903, 97.4658

Protanomaly

26.2539, 22.1489, 97.4992

Deuteranomaly

23.3830, 21.7306, 83.8509

Tritanomaly

18.0804, 21.1212, 51.2680

Monochromacy



Original Color

26.3052, 21.9903, 97.4658

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.5778, 17.8837, 38.6018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3052, 21.9903, 97.4658 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(47, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(47, 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(47, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 123, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.3052, 21.9903, 97.4658 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(47, 123, 255) }
```


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

```
.border{ border-color:rgb(47, 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(47, 123, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(47, 123,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3052, 21.9903, 97.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 123, 255) }
```

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

```
.background{ background-color: rgb(47, 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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