

Converting Colors

XYZ(26.1226, 21.6992, 97.4193)

Have a look what the booklet for
XYZ(26.1226, 21.6992, 97.4193)
contains.

XYZ(26.1362, 21.7199, 97.4226)	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(26.1362, 21.7199,
97.4226)**

Conversions

Conversions Part 1

Format	Color
Hex	2E7AFF
RGB	46, 122, 255
RGB Percent	18%, 48%, 100%
CMY	0.8195, 0.5216, 0.0000
CMYK	0.82, 0.52, 0.00, 0.00
HSL	218°, 100%, 59%
HSV	218°, 82%, 100%
XYZ	26.1362, 21.7199, 97.4226
YIQ	114.4380, -87.9890, 25.2510

Conversions

Conversions Part 2

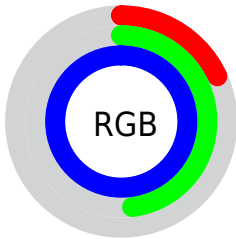
Format	Color
R _Y B	46, 102, 255
Decimal	3046143
CIE Lab	53.73, 24.59, -72.50
CIE LCh	54, 76.555, 288.733
Yxy	21.7199, 0.1799, 0.1495
Android (android.graphics.Color)	4281236223 (0xFF2E7AFF)
YUV	114.4380, 69.2971, -60.0201
Hunter-Lab	46.6046, 18.5460, -91.3170

Details

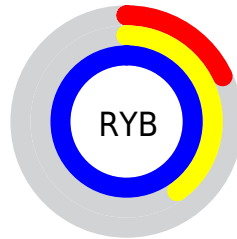
The XYZ color **26.1362, 21.7199, 97.4226** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **57.8575, 53.7054, 9.9035**, and the grayscale version is **15.9449, 16.7753, 18.2683**.

A 20% lighter version of the original color is **41.7902, 41.9277, 100.4980**, and **12.5941, 9.0634, 53.9089** is the 20% darker color. If you saturate the color by 10%, you get **23.4797, 17.6353, 96.7742**, and if you desaturate by 10%, it is **29.8082, 26.8221, 98.2139**.

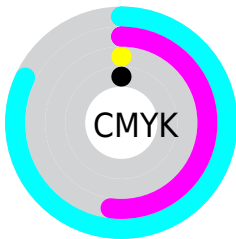
Distribution



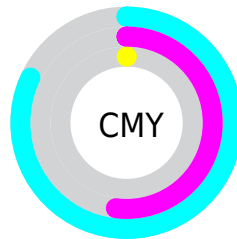
- Red (18%)
- Green (48%)
- Blue (100%)



- 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 26.1362, 21.7199, 97.4226 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 26.1362, 21.7199, 97.4226 by changing the saturation by 10% instead.

■ 26.1362, 21.7199,
97.4226

■ 26.1362, 21.7199,
97.4226

275.6945,
261.0800, 573.0732

■ 17.0588, 13.6512,
73.5450

■ 52.9243, 46.2826,
159.6316

■ 10.3720, 7.8785,
53.9272

■ 71.3657, 63.5455,
198.8000

■ 5.7104, 4.0173,
38.1506

■ 93.6592, 84.6418,
243.9023

■ 2.7088, 1.6832,
25.7969

■ 120.1700,
109.9561, 295.3573

■ 1.0017, 0.4128,
16.4474

151.2636,
139.8726, 353.5833

■ 0.0000, 0.0000,
9.6835

187.3053,

■ 0.0000, 0.0000,

174.7759, 418.9989

5.0868

228.6605,
215.0502, 492.0227

■ 0.0000, 0.0000,
2.2386

■ 0.0000, 0.0000,
0.6965

■ 26.1362, 21.7199,
97.4226

■ 26.1362, 21.7199,
97.4226

■ 23.4797, 17.6353,
96.7742

■ 29.8082, 26.8221,
98.2139

■ 21.9391, 14.9983,
96.3464

■ 34.6132, 33.0251,
99.1579

■ 40.6536, 40.4031,
100.2637

■ 48.0186, 49.0224,
101.5392

■ 56.7887, 58.9435,
102.9919

■ 67.0373, 70.2226,
104.6288

■ 78.8326, 82.9122,
106.4565

■ 92.2385, 97.0619,
108.4811

■ 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.



17.7129, 21.7199, 101.3882



26.1362, 21.7199, 97.4226



34.9164, 21.7199, 67.7150

Triad

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



26.1362, 21.7199, 97.4226



32.8947, 21.7199, 3.3515



8.7160, 21.7199, 15.8750

Complementary

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



26.1362, 21.7199, 97.4226



57.8575, 53.7054, 9.9035

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.



10.9121, 21.7199, 4.6142



26.1362, 21.7199, 97.4226



23.8821, 21.7199, 1.2520

Square

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



26.1362, 21.7199, 97.4226



39.4769, 21.7199, 11.9048



15.9809, 21.7199, 1.4792



9.0187, 21.7199, 41.3285

Rectangle

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



26.1362, 21.7199, 97.4226



39.1105, 21.7199, 44.1123



15.9809, 21.7199, 1.4792



9.1567, 21.7199, 10.7560

Sweetspot

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



26.1372, 21.7204, 97.4226



63.7538, 66.6389, 104.1102



44.9611, 75.3307, 54.4871



12.8732, 13.4133, 22.1605



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.



26.1372, 21.7204, 97.4226



22.2929, 15.6110, 96.4460



21.8429, 10.6268, 95.5077



17.5437, 18.4589, 22.8882



11.5926, 8.0949, 50.3861



1.2283, 0.9872, 4.9391

Inverse Universe

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



45.7306, 24.6207, 20.7544



43.4047, 22.2145, 13.0564



67.9750, 88.0704, 16.0034



18.2823, 18.0962, 20.1038



22.6396, 11.5451, 6.7528



2.2546, 1.1442, 0.9220

Previews

White Background



This preview shows how the XYZ color 26.1362, 21.7199, 97.4226 looks on a white background.

Color Contrast Check

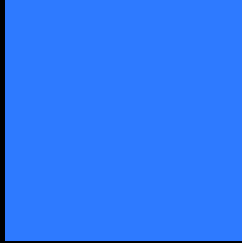
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1362, 21.7199, 97.4226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

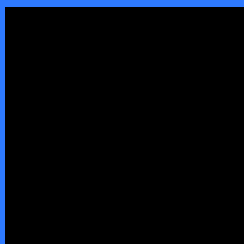
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

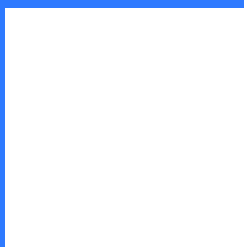
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1362, 21.7199, 97.4226

Background



This preview shows how black text looks on a background with the XYZ color 26.1362, 21.7199, 97.4226.



This preview shows how white text looks on a background with the XYZ color 26.1362, 21.7199,

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

26.1362, 21.7199, 97.4226

Protanopia

25.8959, 21.7792, 97.4467

Deuteranopia

21.7101, 21.4563, 74.9487



Tritanopia

15.2589, 21.5804, 32.6394

Trichromacy



Original Color

26.1362, 21.7199, 97.4226

Protanomaly

26.0080, 21.8370, 97.4519

Deuteranomaly

23.1066, 21.4123, 83.0359

Tritanomaly

18.0804, 21.1212, 51.2680

Monochromacy



Original Color

26.1362, 21.7199, 97.4226

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.2726, 17.5630, 38.0769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1362, 21.7199, 97.4226 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(46, 122, 255)` looks like.

```
.text, #text, p{  
    color:rgb(46, 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(46, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 122, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.1362, 21.7199, 97.4226 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(46, 122, 255) }
```


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

```
.border{ border-color:rgb(46, 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(46, 122, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 122, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 122, 255);  
box-shadow:4px 4px 4px 4px rgb(46, 122,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1362, 21.7199, 97.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 122, 255) }
```

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

```
.background{ background-color: rgb(46, 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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