

Converting Colors

XYZ(26.2477, 24.9120, 93.7854)

Have a look what the booklet for
XYZ(26.2477, 24.9120, 93.7854)
contains.

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Color

**XYZ(26.2010, 24.7934,
93.8472)**

Conversions

Conversions Part 1

Format	Color
Hex	0089FA
RGB	0, 137, 250
RGB Percent	0%, 54%, 98%
CMY	0.9997, 0.4627, 0.0196
CMYK	1.00, 0.45, 0.00, 0.02
HSL	207°, 100%, 49%
HSV	207°, 100%, 98%
XYZ	26.2010, 24.7934, 93.8472
YIQ	108.9190, -117.9250, 6.0990

Conversions

Conversions Part 2

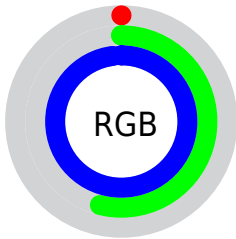
Format	Color
R_{YB}	0, 89, 250
Decimal	35322
CIE _{Lab}	56.87, 11.30, -64.69
CIE _{LCh}	57, 65.670, 279.908
Yxy	24.7934, 0.1809, 0.1712
Android (android.graphics.Color)	4278225402 (0xFF0089FA)
YUV	108.9190, 69.5529, -95.5220
Hunter-Lab	49.7930, 6.7888, -76.8916

Details

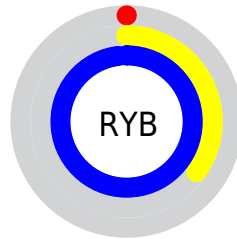
The XYZ color **26.2010, 24.7934, 93.8472** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **45.3388, 32.1518, 3.8185**, and the grayscale version is **14.3529, 15.1004, 16.4443**.

A 20% lighter version of the original color is **43.0190, 47.4264, 101.4946**, and **13.1154, 10.8297, 51.8512** is the 20% darker color. If you saturate the color by 10%, you get **26.1962, 24.7837, 93.8462**, and if you desaturate by 10%, it is **28.2959, 28.3851, 94.4307**.

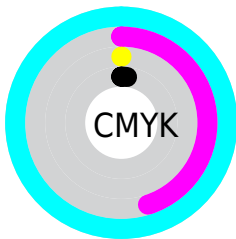
Distribution



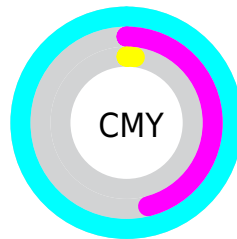
- Red (0%)
- Green (54%)
- Blue (98%)



- Red (0%)
- Yellow (35%)
- Blue (98%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (46%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2010, 24.7934, 93.8472 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 26.2010, 24.7934, 93.8472 by changing the saturation by 10% instead.

■ 26.2010, 24.7934,
93.8472

■ 26.2010, 24.7934,
93.8472

276.0060,
276.8075, 561.3576

■ 17.1075, 15.9232,
70.5843

■ 53.0280, 51.3219,
154.6528

■ 10.4070, 9.4698,
51.5233

■ 71.4923, 69.7489,
193.0327

■ 5.7339, 5.0489,
36.2456

■ 93.8109, 92.1304,
237.2885

■ 2.7231, 2.2760,
24.3327

■ 120.3491,
118.8506, 287.8390

■ 1.0091, 0.7609,
15.3662

■ 151.4724,
150.2941, 345.1026

■ 0.0000, 0.0000,
8.9273

187.5461,

■ 0.0000, 0.0000,

186.8451, 409.4979

4.5976

228.9355,
228.8881, 481.4433

■ 0.0000, 0.0000,
1.9586

■ 0.0000, 0.0000,
0.5296

■ 26.2010, 24.7934,
93.8472

■ 26.2010, 24.7934,
93.8472

■ 26.1962, 24.7837,
93.8462

■ 28.2959, 28.3851,
94.4307

■ 31.0775, 32.5879,
95.0953

■ 34.7092, 37.4933,
95.8507

■ 39.2914, 43.1597,
96.7029

■ 44.9088, 49.6373,
97.6571

■ 51.6360, 56.9708,
98.7181

■ 59.5399, 65.2009,
99.8901

■ 68.6820, 74.3651,
101.1771

■ 79.1191, 84.4984,
102.5829

Harmonies

Analogous

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



18.8438, 24.7934, 89.4543



26.2010, 24.7934, 93.8472



34.3762, 24.7934, 74.2234

Triad

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



26.2010, 24.7934, 93.8472



36.8183, 24.7934, 7.9276



12.2318, 24.7934, 14.9089

Complementary

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



26.2010, 24.7934, 93.8472



45.3388, 32.1518, 3.8185

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.



15.2981, 24.7934, 5.8042



26.2010, 24.7934, 93.8472



29.0163, 24.7934, 3.5631

Square

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



26.2010, 24.7934, 93.8472



41.3295, 24.7934, 20.3480



21.1127, 24.7934, 3.0823



11.7984, 24.7934, 34.9535

Rectangle

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



26.2010, 24.7934, 93.8472



38.8061, 24.7934, 54.2673



21.1127, 24.7934, 3.0823



12.9511, 24.7934, 10.8482

Sweetspot

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



26.2021, 24.7941, 93.8479



62.2263, 68.1468, 104.4817



37.1418, 69.5542, 26.9558



12.5398, 13.7840, 22.2496



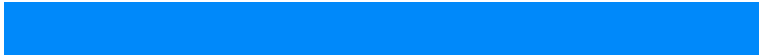
0.0000, 0.0000, 0.0000



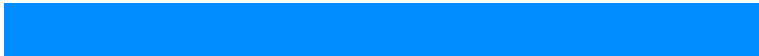
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.2021, 24.7941, 93.8479



27.3850, 25.8899, 98.1617



17.3949, 7.1797, 90.9122



17.0713, 18.2194, 22.0022



14.0410, 13.4376, 49.8272



1.4064, 1.4564, 4.6502

Inverse Universe

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



43.9408, 22.1320, 25.6230



45.9519, 23.1447, 26.7423



69.8555, 81.1853, 11.9908



17.6425, 17.3844, 19.9732



23.3793, 11.7674, 13.9717



2.2188, 1.1113, 1.5756

Previews

White Background



This preview shows how the XYZ color 26.2010, 24.7934, 93.8472 looks on a white background.

Color Contrast Check

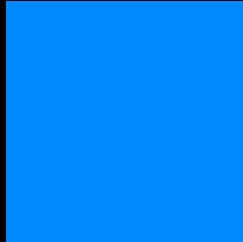
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2010, 24.7934, 93.8472 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

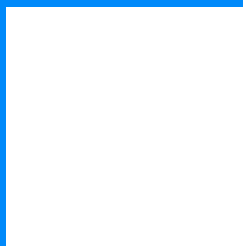
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2010, 24.7934, 93.8472

Background



This preview shows how black text looks on a background with the XYZ color 26.2010, 24.7934, 93.8472.



This preview shows how white text looks on a background with the XYZ color 26.2010, 24.7934,

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

26.2010, 24.7934, 93.8472

Protanopia

28.1260, 24.8444, 89.6993

Deuteranopia

25.4176, 24.7086, 89.0175



Tritanopia

17.4996, 24.7064, 37.5647

Trichromacy



Original Color

26.2010, 24.7934, 93.8472

Protanomaly

26.7298, 24.4957, 91.3150

Deuteranomaly

25.7230, 24.8308, 90.6258

Tritanomaly

19.9045, 24.4080, 54.1142

Monochromacy



Original Color

26.2010, 24.7934, 93.8472

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.3962, 16.9969, 35.7270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2010, 24.7934, 93.8472 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(0, 137, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 250)  
}
```

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(0, 137, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 250) }
```

Border

The CSS property to change the border of an element to XYZ 26.2010, 24.7934, 93.8472 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(0, 137, 250) }
```


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

```
.border{ border-color:rgb(0, 137, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 137, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2010, 24.7934, 93.8472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 137, 250) }
```

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

```
.background{ background-color: rgb(0, 137,  
250) }
```

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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