

Converting Colors

XYZ(10.8091, 16.7945, 94.1479)

Have a look what the booklet for
XYZ(10.8091, 16.7945, 94.1479)
contains.

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Color

**XYZ(26.3582, 24.8564,
94.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	0089FB
RGB	0, 137, 251
RGB Percent	0%, 54%, 98%
CMY	0.9997, 0.4627, 0.0157
CMYK	1.00, 0.45, 0.00, 0.02
HSL	207°, 100%, 49%
HSV	207°, 100%, 98%
XYZ	26.3582, 24.8564, 94.6753
YIQ	109.0330, -118.2460, 6.4100

Conversions

Conversions Part 2

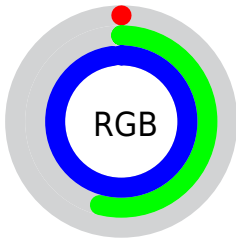
Format	Color
R _Y B	0, 89, 251
Decimal	35323
CIE Lab	56.94, 11.68, -65.14
CIE LCh	57, 66.181, 280.167
Yxy	24.8564, 0.1807, 0.1704
Android (android.graphics.Color)	4278225403 (0xFF0089FB)
YUV	109.0330, 69.9897, -95.6219
Hunter-Lab	49.8562, 7.1219, -77.6905

Details

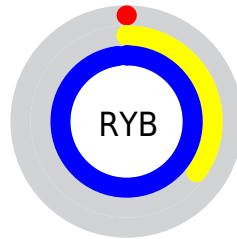
The XYZ color **26.3582, 24.8564, 94.6753** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **45.8091, 32.5591, 3.8720**, and the grayscale version is **14.3831, 15.1322, 16.4790**.

A 20% lighter version of the original color is **43.0190, 47.4264, 101.4946**, and **13.2273, 10.8745, 52.4408** is the 20% darker color. If you saturate the color by 10%, you get **26.3542, 24.8481, 94.6745**, and if you desaturate by 10%, it is **28.4711, 28.4806, 95.2641**.

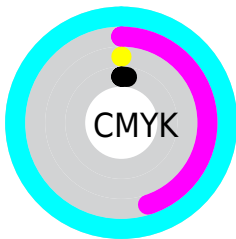
Distribution



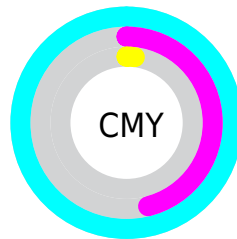
- Red (0%)
- Green (54%)
- Blue (98%)



- 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 26.3582, 24.8564, 94.6753 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 26.3582, 24.8564, 94.6753 by changing the saturation by 10% instead.

■ 26.3582, 24.8564,
94.6753

■ 26.3582, 24.8564,
94.6753

276.7606,
277.1220, 564.0827

■ 17.2259, 15.9701,
71.2694

■ 53.2794, 51.4242,
155.8077

■ 10.4920, 9.5030,
52.0789

■ 71.7991, 69.8744,
194.3712

■ 5.7911, 5.0707,
36.6853

■ 94.1785, 92.2815,
238.8243

■ 2.7579, 2.2888,
24.6700

■ 120.7832,
119.0297, 289.5855

■ 1.0271, 0.7678,
15.6146

■ 151.9784,
150.5034, 347.0734

■ 0.0000, 0.0000,
9.1005

188.1294,

■ 0.0000, 0.0000,

187.0871, 411.7066

4.7091

229.6017,
229.1652, 483.9035

■ 0.0000, 0.0000,
2.0219

■ 0.0000, 0.0000,
0.5687

■ 26.3582, 24.8564,
94.6753

■ 26.3582, 24.8564,
94.6753

■ 26.3542, 24.8481,
94.6745

■ 28.4711, 28.4806,
95.2641

■ 31.2786, 32.7247,
95.9353

■ 34.9457, 37.6810,
96.6987

■ 39.5738, 43.4086,
97.5603

■ 45.2485, 49.9585,
98.5255

■ 52.0451, 57.3759,
99.5990

■ 60.0315, 65.7020,
100.7851

■ 69.2697, 74.9748,
102.0881

■ 79.8171, 85.2299,
103.5116

Harmonies

Analogous

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



18.9161, 24.8564, 90.4458



26.3582, 24.8564, 94.6753



34.6153, 24.8564, 74.6110

Triad

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



26.3582, 24.8564, 94.6753



36.9595, 24.8564, 7.7997



12.1857, 24.8564, 15.0014

Complementary

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



26.3582, 24.8564, 94.6753



45.8091, 32.5591, 3.8720

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.



15.2489, 24.8564, 5.7826



26.3582, 24.8564, 94.6753



29.0576, 24.8564, 3.4840

Square

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



26.3582, 24.8564, 94.6753



41.5648, 24.8564, 20.2003



21.0881, 24.8564, 3.0302



11.7720, 24.8564, 35.3300

Rectangle

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



26.3582, 24.8564, 94.6753



39.0762, 24.8564, 54.3730



21.0881, 24.8564, 3.0302



12.9018, 24.8564, 10.8867

Sweetspot

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



26.3593, 24.8571, 94.6760



62.1828, 68.0598, 104.4672



37.4781, 70.1872, 27.1911



12.5295, 13.7634, 22.2462



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.



26.3593, 24.8571, 94.6760



27.3048, 25.7296, 98.1349



17.5526, 7.2436, 91.7404



17.0680, 18.2129, 22.0012



14.0004, 13.3563, 49.8137



1.4026, 1.4489, 4.6489

Inverse Universe

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



44.3001, 22.3170, 25.6400



45.9114, 23.1286, 26.5292



70.4912, 81.9233, 12.0994



17.6409, 17.3837, 19.9646



23.3588, 11.7592, 13.8636



2.2169, 1.1105, 1.5657

Previews

White Background



This preview shows how the XYZ color 26.3582, 24.8564, 94.6753 looks on a white background.

Color Contrast Check

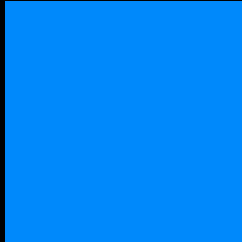
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3582, 24.8564, 94.6753 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

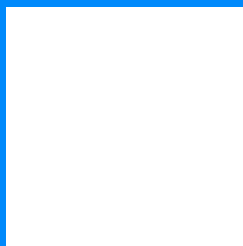
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3582, 24.8564, 94.6753

Background



This preview shows how black text looks on a background with the XYZ color 26.3582, 24.8564, 94.6753.



This preview shows how white text looks on a background with the XYZ color 26.3582, 24.8564,

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

26.3582, 24.8564, 94.6753

Protanopia

28.1941, 24.8618, 90.5016

Deuteranopia

25.4176, 24.7086, 89.0175



Tritanopia

17.4996, 24.7064, 37.5647

Trichromacy



Original Color

26.3582, 24.8564, 94.6753

Protanomaly

26.8336, 24.5313, 92.1277

Deuteranomaly

25.8770, 24.8924, 91.4365

Tritanomaly

20.0165, 24.4528, 54.7038

Monochromacy



Original Color

26.3582, 24.8564, 94.6753

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4841, 17.0321, 36.1896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3582, 24.8564, 94.6753 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 251) }
```

Border

The CSS property to change the border of an element to XYZ 26.3582, 24.8564, 94.6753 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, 251) }
```


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

```
.border{ border-color:rgb(0, 137, 251) }
```

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, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3582, 24.8564, 94.6753 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, 251) }
```

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

```
.background{ background-color: rgb(0, 137,  
251) }
```

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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