

Converting Colors

XYZ(26.0078, 24.9557, 89.1172)

Have a look what the booklet for
XYZ(26.0078, 24.9557, 89.1172)
contains.

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Color

**XYZ(26.0448, 25.0319,
89.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	218AF4
RGB	33, 138, 244
RGB Percent	13%, 54%, 96%
CMY	0.8705, 0.4588, 0.0431
CMYK	0.86, 0.43, 0.00, 0.04
HSL	210°, 91%, 54%
HSV	210°, 86%, 96%
XYZ	26.0448, 25.0319, 89.0469
YIQ	118.6890, -96.6060, 10.7060

Conversions

Conversions Part 2

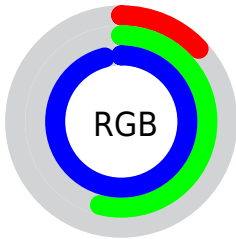
Format	Color
R _Y B	33, 103, 244
Decimal	2198260
CIE Lab	57.11, 9.65, -60.99
CIE LCh	57, 61.745, 278.989
Yxy	25.0319, 0.1859, 0.1786
Android (android.graphics.Color)	4280388340 (0xFF218AF4)
YUV	118.6890, 61.7783, -75.1493
Hunter-Lab	50.0319, 5.3649, -70.5022

Details

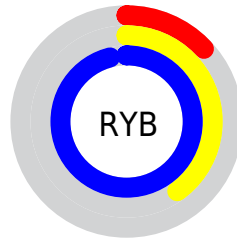
The XYZ color **26.0448, 25.0319, 89.0469** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **46.8199, 37.8163, 6.2724**, and the grayscale version is **17.2725, 18.1720, 19.7893**.

A 20% lighter version of the original color is **44.0169, 48.2635, 101.6036**, and **12.5420, 10.7326, 48.4243** is the 20% darker color. If you saturate the color by 10%, you get **23.8651, 21.4430, 88.4696**, and if you desaturate by 10%, it is **28.9889, 29.3100, 89.7181**.

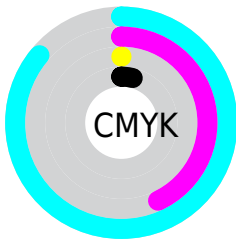
Distribution



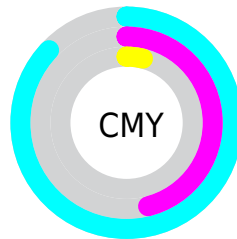
- Red (13%)
- Green (54%)
- Blue (96%)



- Red (13%)
- Yellow (40%)
- Blue (96%)



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (4%)



- Cyan (87%)
- Magenta (46%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0448, 25.0319, 89.0469 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 26.0448, 25.0319, 89.0469 by changing the saturation by 10% instead.

■ 26.0448, 25.0319,
89.0469

■ 26.0448, 25.0319,
89.0469

275.2546,
277.9968, 545.4155

■ 16.9900, 16.1008,
66.6212

■ 52.7780, 51.7090,
147.9377

■ 10.3226, 9.5955,
48.3172

■ 71.1871, 70.2238,
185.2399

■ 5.6773, 5.1316,
33.7163

■ 93.4451, 92.7019,
228.3379

■ 2.6886, 2.3247,
22.4002

■ 119.9172,
119.5278, 277.6504

■ 0.9913, 0.7867,
13.9501

■ 150.9689,
151.0858, 333.5959

■ 0.0000, 0.0000,
7.9476

186.9654,

■ 0.0000, 0.0000,

187.7604, 396.5928

3.9742

228.2722,
229.9359, 467.0598

■ 0.0000, 0.0000,
1.6112

■ 0.0000, 0.0000,
0.2988

■ 26.0448, 25.0319,
89.0469

■ 26.0448, 25.0319,
89.0469

■ 23.8651, 21.4430,
88.4696

■ 28.9889, 29.3100,
89.7181

■ 23.2162, 20.3055,
88.2843

■ 32.8060, 34.3419,
90.4881

■ 37.5871, 40.1838,
91.3637

■ 43.4102, 46.8842,
92.3502

■ 50.3441, 54.4870,
93.4522

■ 58.4516, 63.0323,
94.6743

■ 67.7902, 72.5574,
96.0206

■ 78.4138, 83.0976,
97.4951

■ 90.3725, 94.6857,
99.1016

Harmonies

Analogous

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



19.1215, 25.0319, 84.3512



26.0448, 25.0319, 89.0469



33.7208, 25.0319, 71.7467

Triad

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



26.0448, 25.0319, 89.0469



36.4024, 25.0319, 9.0237



12.9787, 25.0319, 15.2688

Complementary

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



26.0448, 25.0319, 89.0469



46.8199, 37.8163, 6.2724

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.



16.0329, 25.0319, 6.4721



26.0448, 25.0319, 89.0469



29.1672, 25.0319, 4.3567

Square

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



26.0448, 25.0319, 89.0469



40.4521, 25.0319, 21.4641



21.6731, 25.0319, 3.7480



12.4791, 25.0319, 34.0048

Rectangle

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



26.0448, 25.0319, 89.0469



37.9045, 25.0319, 53.5379



21.6731, 25.0319, 3.7480



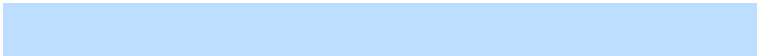
13.7057, 25.0319, 11.3893

Sweetspot

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



26.0459, 25.0326, 89.0476



65.0006, 70.0778, 104.7082



37.6037, 66.8755, 35.1667



13.2104, 14.2685, 22.3078



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.



26.0459, 25.0326, 89.0476



25.6238, 22.3677, 97.5746



17.5019, 7.9447, 86.1996



16.2623, 17.2889, 21.0225



12.7601, 11.3141, 48.0493



1.2242, 1.1998, 4.2573

Inverse Universe

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



42.4406, 22.1575, 26.0850



45.0629, 22.7892, 22.0612



69.9343, 84.0450, 13.9772



16.8430, 16.6200, 18.9197



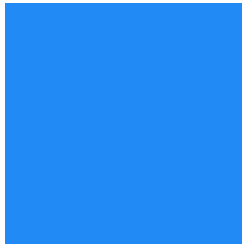
22.2452, 11.2415, 11.2658



2.0070, 1.0088, 1.2632

Previews

White Background



This preview shows how the XYZ color 26.0448, 25.0319, 89.0469 looks on a white background.

Color Contrast Check

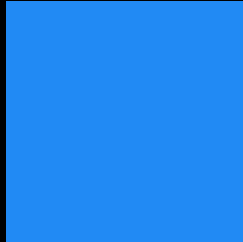
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0448, 25.0319, 89.0469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

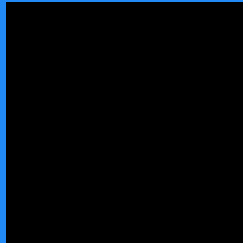
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

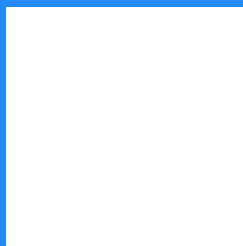
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0448, 25.0319, 89.0469

Background



This preview shows how black text looks on a background with the XYZ color 26.0448, 25.0319, 89.0469.



This preview shows how white text looks on a background with the XYZ color 26.0448, 25.0319,

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

26.0448, 25.0319, 89.0469

Protanopia

27.9920, 25.0818, 85.0273

Deuteranopia

25.8696, 24.9416, 89.0387



Tritanopia

17.5882, 24.7419, 38.0311

Trichromacy



Original Color

26.0448, 25.0319, 89.0469

Protanomaly

26.9251, 24.9078, 86.6077

Deuteranomaly

25.9243, 24.9698, 89.0413

Tritanomaly

19.9449, 24.4417, 53.5357

Monochromacy



Original Color

26.0448, 25.0319, 89.0469

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.1862, 19.6768, 37.9614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0448, 25.0319, 89.0469 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(33, 138, 244)` looks like.

```
.text, #text, p{  
    color:rgb(33, 138, 244)  
}
```

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(33, 138, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 138, 244) }
```

Border

The CSS property to change the border of an element to XYZ 26.0448, 25.0319, 89.0469 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(33, 138, 244) }
```


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

```
.border{ border-color:rgb(33, 138, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 138, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 138, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 138, 244);  
box-shadow:4px 4px 4px 4px rgb(33, 138,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0448, 25.0319, 89.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 138, 244) }
```

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

```
.background{ background-color: rgb(33, 138,  
244) }
```

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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