

Converting Colors

XYZ(24.8309, 25.1916, 79.3445)

Have a look what the booklet for
XYZ(24.8309, 25.1916, 79.3445)
contains.

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Color

**XYZ(24.8631, 25.2907,
79.1725)**

Conversions

Conversions Part 1

Format	Color
Hex	298DE7
RGB	41, 141, 231
RGB Percent	16%, 55%, 91%
CMY	0.8391, 0.4471, 0.0941
CMYK	0.82, 0.39, 0.00, 0.09
HSL	208°, 80%, 53%
HSV	208°, 82%, 91%
XYZ	24.8631, 25.2907, 79.1725
YIQ	121.3600, -88.4900, 6.7900

Conversions

Conversions Part 2

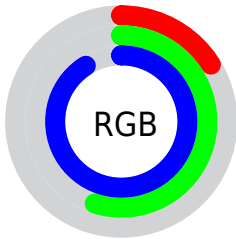
Format	Color
R_{YB}	41, 107, 231
Decimal	2723303
CIE Lab	57.36, 3.58, -53.37
CIE LCh	57, 53.487, 273.834
Yxy	25.2907, 0.1923, 0.1956
Android (android.graphics.Color)	4280913383 (0xFF298DE7)
YUV	121.3600, 54.0525, -70.4757
Hunter-Lab	50.2899, 0.2424, -58.1387

Details

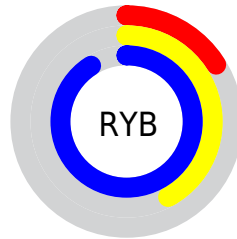
The XYZ color **24.8631, 25.2907, 79.1725** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **41.4744, 33.3865, 6.3577**, and the grayscale version is **18.1434, 19.0883, 20.7871**.

A 20% lighter version of the original color is **44.6779, 49.5855, 101.8239**, and **11.5650, 10.7494, 42.0227** is the 20% darker color. If you saturate the color by 10%, you get **22.6622, 21.8781, 78.6304**, and if you desaturate by 10%, it is **27.7651, 29.3019, 79.7944**.

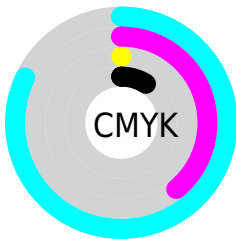
Distribution



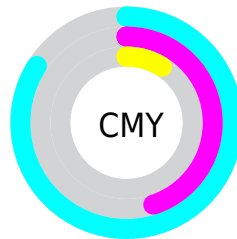
- Red (16%)
- Green (55%)
- Blue (91%)



- Red (16%)
- Yellow (42%)
- Blue (91%)



- Cyan (82%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)



- Cyan (84%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8631, 25.2907, 79.1725 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 24.8631, 25.2907, 79.1725 by changing the saturation by 10% instead.

■ 24.8631, 25.2907,
79.1725

■ 24.8631, 25.2907,
79.1725

269.5157,
279.2826, 511.7727

■ 16.1033, 16.2938,
58.5155

■ 50.8795, 52.1284,
134.0025

■ 9.6886, 9.7323,
41.8058

■ 68.8669, 70.7380,
169.0127

■ 5.2536, 5.2218,
28.6248

■ 90.6607, 93.3206,
209.6442

■ 2.4331, 2.3780,
18.5540

■ 116.6265,
120.2606, 256.3158

■ 0.8617, 0.8145,
11.1749

■ 147.1295,
151.9424, 309.4459

■ 0.0000, 0.0000,
6.0690

182.5352,

■ 0.0000, 0.0000,

188.7504, 369.4530

2.8176

223.2088,
231.0690, 436.7558

■ 0.0000, 0.0000,
1.0023

■ 0.0000, 0.0000,
0.0000

■ 24.8631, 25.2907,
79.1725

■ 24.8631, 25.2907,
79.1725

■ 22.6622, 21.8781,
78.6304

■ 27.7651, 29.3019,
79.7944

■ 21.3308, 19.5833,
78.2576

■ 31.4520, 33.9607,
80.4993

■ 35.9973, 39.3116,
81.2925

■ 41.4645, 45.3934,
82.1783

■ 47.9107, 52.2414,
83.1603

■ 55.3879, 59.8880,
84.2422

■ 63.9443, 68.3635,
85.4272

■ 73.6247, 77.6965,
86.7184

■ 84.4715, 87.9139,
88.1188

Harmonies

Analogous

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



19.0501, 25.2907, 72.3008



24.8631, 25.2907, 79.1725



31.4901, 25.2907, 67.9448

Triad

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



24.8631, 25.2907, 79.1725



35.6614, 25.2907, 12.3058



14.6675, 25.2907, 14.8259

Complementary

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



24.8631, 25.2907, 79.1725



41.4744, 33.3865, 6.3577

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.



17.8655, 25.2907, 7.5179



24.8631, 25.2907, 79.1725



29.8285, 25.2907, 6.5769

Square

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



24.8631, 25.2907, 79.1725



38.3794, 25.2907, 25.2664



23.2315, 25.2907, 5.3188



13.8053, 25.2907, 29.9403

Rectangle

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



24.8631, 25.2907, 79.1725



35.2924, 25.2907, 53.7270



23.2315, 25.2907, 5.3188



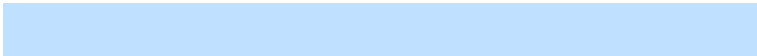
15.4735, 25.2907, 11.6377

Sweetspot

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



24.8641, 25.2915, 79.1732



66.4700, 72.0712, 105.0155



33.4989, 59.2271, 30.6718



13.5166, 14.7002, 22.3750



0.0000, 0.0000, 0.0000



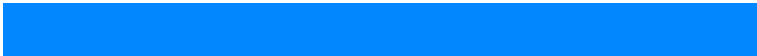
20.3446, 21.4041, 23.3091

Same Dimension

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



24.8641, 25.2915, 79.1732



26.8030, 24.6786, 97.9585



16.3696, 8.3025, 76.3417



14.2075, 15.1363, 18.3171



12.0836, 11.2293, 43.9138



0.9858, 1.0156, 3.2760

Inverse Universe

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



38.5566, 20.4993, 27.1244



45.6697, 23.0762, 25.1198



60.1914, 70.8204, 12.5967



14.6923, 14.4941, 16.5801



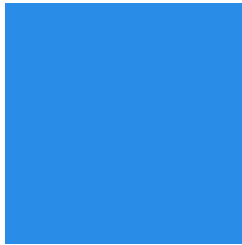
20.4927, 10.3313, 11.4897



1.5612, 0.7822, 1.0959

Previews

White Background



This preview shows how the XYZ color 24.8631, 25.2907, 79.1725 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 24.8631, 25.2907, 79.1725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

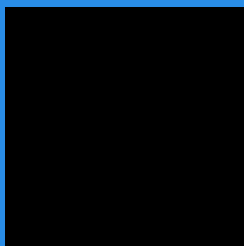
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

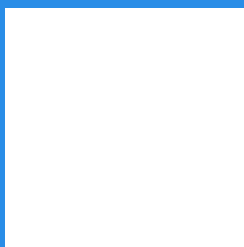
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8631, 25.2907, 79.1725

Background



This preview shows how black text looks on a background with the XYZ color 24.8631, 25.2907, 79.1725.



This preview shows how white text looks on a background with the XYZ color 24.8631, 25.2907,

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

24.8631, 25.2907, 79.1725

Protanopia

27.2352, 25.1413, 73.9383

Deuteranopia

26.1082, 25.2684, 79.8452

Trichromacy



Original Color

24.8631, 25.2907, 79.1725

Protanomaly

26.0352, 25.0996, 76.1456

Deuteranomaly

25.6017, 25.2212, 79.8628

Monochromacy



Original Color

24.8631, 25.2907, 79.1725

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.5658, 20.2869, 36.6554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8631, 25.2907, 79.1725 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(41, 141, 231)` looks like.

```
.text, #text, p{  
    color:rgb(41, 141, 231)  
}
```

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(41, 141, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 141, 231) }
```

Border

The CSS property to change the border of an element to XYZ 24.8631, 25.2907, 79.1725 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(41, 141, 231) }
```

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

```
.border{ border-color:rgb(41, 141, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 141, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 141, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 141, 231);  
box-shadow:4px 4px 4px 4px rgb(41, 141,  
231) }
```


Background

The CSS property to change the background color of an element to XYZ 24.8631, 25.2907, 79.1725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 141, 231) }
```

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

```
.background{ background-color: rgb(41, 141,  
231) }
```

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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