

Converting Colors

XYZ(24.1119, 27.6157, 84.6443)

Have a look what the booklet for
XYZ(24.1119, 27.6157, 84.6443)
contains.

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Color

**XYZ(26.8238, 28.9555,
85.0641)**

Conversions

Conversions Part 1

Format	Color
Hex	0099EE
RGB	0, 153, 238
RGB Percent	0%, 60%, 93%
CMY	0.9998, 0.4000, 0.0667
CMYK	1.00, 0.36, 0.00, 0.07
HSL	201°, 100%, 47%
HSV	201°, 100%, 93%
XYZ	26.8238, 28.9555, 85.0641
YIQ	116.9430, -118.4730, -6.0010

Conversions

Conversions Part 2

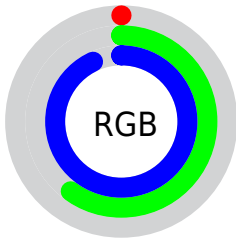
Format	Color
R _Y B	0, 93, 238
Decimal	39406
CIE Lab	60.74, -2.82, -51.89
CIE LCh	61, 51.963, 266.891
Yxy	28.9555, 0.1905, 0.2056
Android (android.graphics.Color)	4278229486 (0xFF0099EE)
YUV	116.9430, 59.6811, -102.5590
Hunter-Lab	53.8103, -5.1879, -56.0592

Details

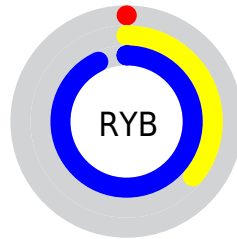
The XYZ color **26.8238, 28.9555, 85.0641** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **38.5138, 24.6839, 2.7363**, and the grayscale version is **16.7444, 17.6164, 19.1842**.

A 20% lighter version of the original color is **46.5472, 55.0338, 102.7770**, and **13.1907, 13.0367, 45.5372** is the 20% darker color. If you saturate the color by 10%, you get **26.8206, 28.9489, 85.0636**, and if you desaturate by 10%, it is **28.6392, 32.0317, 85.5628**.

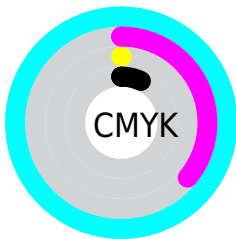
Distribution



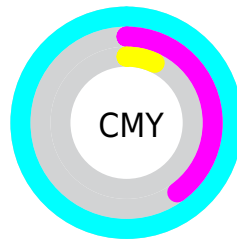
- Red (0%)
- Green (60%)
- Blue (93%)



- Red (0%)
- Yellow (36%)
- Blue (93%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8238, 28.9555, 85.0641 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 26.8238, 28.9555, 85.0641 by changing the saturation by 10% instead.

■ 26.8238, 28.9555,
85.0641

■ 26.8238, 28.9555,
85.0641

278.9861,
297.0049, 531.9903

■ 17.5768, 19.0472,
63.3439

■ 54.0229, 58.0064,
142.3377

■ 10.7445, 11.7044,
45.6767

■ 72.7057, 77.9177,
178.7281

■ 5.9613, 6.5427,
31.6439

■ 95.2645, 101.9321,
220.8458

■ 2.8620, 3.1778,
20.8271

■ 122.0647,
130.4341, 269.1091

■ 1.0812, 1.2252,
12.8077

■ 153.4716,
163.8080, 323.9367

■ 0.0093, 0.0822,
7.1671

189.8506,

■ 0.0000, 0.0000,

202.4381, 385.7470

3.4868

231.5670,
246.7090, 454.9587

■ 0.0000, 0.0000,
1.3482

■ 0.0000, 0.0000,
0.1008

■ 26.8238, 28.9555,
85.0641

■ 26.8238, 28.9555,
85.0641

■ 26.8206, 28.9489,
85.0636

■ 28.6392, 32.0317,
85.5628

■ 31.0115, 35.5448,
86.1159

■ 34.0868, 39.5734,
86.7314

■ 37.9517, 44.1648,
87.4139

■ 42.6789, 49.3594,
88.1674

■ 48.3327, 55.1928,
88.9954

■ 54.9704, 61.6973,
89.9011

■ 62.6447, 68.9024,
90.8873

■ 71.4043, 76.8357,
91.9569

Harmonies

Analogous

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



21.0272, 28.9555, 73.9989



26.8238, 28.9555, 85.0641



33.8142, 28.9555, 77.6146

Triad

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



26.8238, 28.9555, 85.0641



40.7852, 28.9555, 17.5348



18.0241, 28.9555, 15.2790

Complementary

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



26.8238, 28.9555, 85.0641



38.5138, 24.6839, 2.7363

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.



22.0621, 28.9555, 8.6479



26.8238, 28.9555, 85.0641



35.2314, 28.9555, 9.5266

Square

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



26.8238, 28.9555, 85.0641



42.6099, 28.9555, 33.5856



28.2309, 28.9555, 7.0809



16.4957, 28.9555, 29.5554

Rectangle

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



26.8238, 28.9555, 85.0641



38.1175, 28.9555, 64.3346



28.2309, 28.9555, 7.0809



19.0970, 28.9555, 12.3463

Sweetspot

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



26.8250, 28.9564, 85.0649



64.1783, 72.0506, 105.1324



32.1500, 61.7797, 18.4828



13.0041, 14.7127, 22.4044



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.



26.8250, 28.9564, 85.0649



31.3087, 33.7373, 99.4696



16.0569, 7.4203, 81.4755



15.7448, 16.9237, 20.1584



15.0897, 16.4037, 47.4988



1.3489, 1.5519, 3.9827

Inverse Universe

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



41.0107, 20.4786, 31.9288



47.9324, 23.9369, 37.1715



56.4538, 60.5640, 8.7163



16.2006, 15.9300, 18.6127



22.9422, 11.4493, 18.1442



1.9558, 0.9714, 1.7582

Previews

White Background



This preview shows how the XYZ color 26.8238, 28.9555, 85.0641 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 26.8238, 28.9555, 85.0641 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

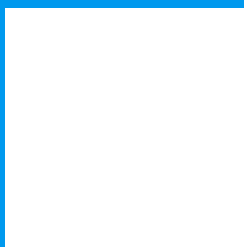
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8238, 28.9555, 85.0641

Background



This preview shows how black text looks on a background with the XYZ color 26.8238, 28.9555, 85.0641.



This preview shows how white text looks on a background with the XYZ color 26.8238, 28.9555,

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

26.8238, 28.9555, 85.0641

Protanopia

30.9047, 28.8795, 78.0742

Deuteranopia

29.8448, 28.8275, 86.4293



Tritanopia

20.5603, 28.8967, 44.5384

Trichromacy



Original Color

26.8238, 28.9555, 85.0641

Protanomaly

27.7469, 28.1101, 80.3073

Deuteranomaly

27.9030, 28.5391, 85.6993

Tritanomaly

22.4762, 28.8275, 57.2030

Monochromacy



Original Color

26.8238, 28.9555, 85.0641

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2397, 19.9943, 36.6689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8238, 28.9555, 85.0641 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, 153, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 238)  
}
```

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, 153, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 238) }
```

Border

The CSS property to change the border of an element to XYZ 26.8238, 28.9555, 85.0641 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, 153, 238) }
```


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

```
.border{ border-color:rgb(0, 153, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8238, 28.9555, 85.0641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 238) }
```

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

```
.background{ background-color: rgb(0, 153,  
238) }
```

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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