

Converting Colors

XYZ(26.3915, 28.6259, 79.0063)

Have a look what the booklet for
XYZ(26.3915, 28.6259, 79.0063)
contains.

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Color

**XYZ(26.3862, 28.6208,
78.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	2898E6
RGB	40, 152, 230
RGB Percent	16%, 60%, 90%
CMY	0.8431, 0.4039, 0.0980
CMYK	0.83, 0.34, 0.00, 0.10
HSL	205°, 79%, 53%
HSV	205°, 83%, 90%
XYZ	26.3862, 28.6208, 78.9966
YIQ	127.4040, -91.7900, 0.5140

Conversions

Conversions Part 2

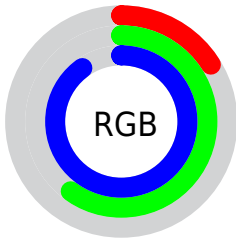
Format	Color
R _Y B	40, 110, 230
Decimal	2660582
CIE Lab	60.45, -3.33, -47.91
CIE LCh	60, 48.026, 266.021
Yxy	28.6208, 0.1969, 0.2136
Android (android.graphics.Color)	4280850662 (0xFF2898E6)
YUV	127.4040, 50.5798, -76.6533
Hunter-Lab	53.4984, -5.5834, -50.0997

Details

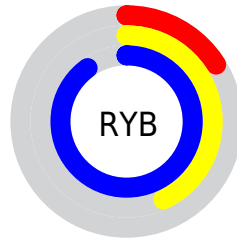
The XYZ color **26.3862, 28.6208, 78.9966** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **39.4971, 29.9372, 5.7057**, and the grayscale version is **20.1678, 21.2181, 23.1065**.

A 20% lighter version of the original color is **47.4574, 55.1445, 102.7504**, and **12.3914, 12.5587, 41.8154** is the 20% darker color. If you saturate the color by 10%, you get **24.2709, 25.3453, 78.4765**, and if you desaturate by 10%, it is **29.1568, 32.4160, 79.5837**.

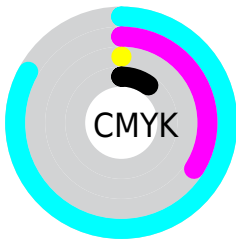
Distribution



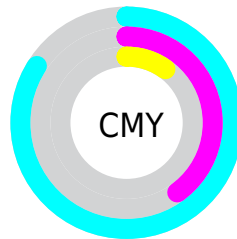
- Red (16%)
- Green (60%)
- Blue (90%)



- Red (16%)
- Yellow (43%)
- Blue (90%)



- Cyan (83%)
- Magenta (34%)
- Yellow (0%)
- Black (10%)



- Cyan (84%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3862, 28.6208, 78.9966 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 26.3862, 28.6208, 78.9966 by changing the saturation by 10% instead.

■ 26.3862, 28.6208,
78.9966

■ 26.3862, 28.6208,
78.9966

276.8949,
295.4216, 511.1622

■ 17.2470, 18.7942,
58.3717

■ 53.3242, 57.4741,
133.7527

■ 10.5071, 11.5216,
41.6909

■ 71.8537, 77.2695,
168.7210

■ 5.8013, 6.4188,
28.5356

■ 94.2440, 101.1566,
209.3075

■ 2.7641, 3.1014,
18.4872

■ 120.8604,
129.5198, 255.9308

■ 1.0303, 1.1849,
11.1273

■ 152.0684,
162.7435, 309.0093

■ 0.0000, 0.0493,
6.0373

188.2332,

■ 0.0000, 0.0000,

201.2121, 368.9617

2.7986

229.7202,
245.3100, 436.2065

■ 0.0000, 0.0000,
0.9927

■ 0.0000, 0.0000,
0.0000

■ 26.3862, 28.6208,
78.9966

■ 26.3862, 28.6208,
78.9966

■ 24.2709, 25.3453,
78.4765

■ 29.1568, 32.4160,
79.5837

■ 23.0271, 23.2013,
78.1282

■ 32.6641, 36.7758,
80.2404

■ 36.9799, 41.7416,
80.9714

■ 42.1659, 47.3489,
81.7804

■ 48.2772, 53.6298,
82.6707

■ 55.3641, 60.6140,
83.6452

■ 63.4730, 68.3288,
84.7069

■ 72.6473, 76.7999,
85.8585

■ 82.9277, 86.0517,
87.1024

Harmonies

Analogous

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



21.0822, 28.6208, 68.8073



26.3862, 28.6208, 78.9966



32.7623, 28.6208, 72.8936

Triad

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



26.3862, 28.6208, 78.9966



39.3533, 28.6208, 18.4801



18.4837, 28.6208, 15.7384

Complementary

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



26.3862, 28.6208, 78.9966



39.4971, 29.9372, 5.7057

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.



22.3115, 28.6208, 9.4805



26.3862, 28.6208, 78.9966



34.4072, 28.6208, 10.5903

Square

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



26.3862, 28.6208, 78.9966



40.8782, 28.6208, 33.5871



28.0369, 28.6208, 8.0359



16.9788, 28.6208, 28.8588

Rectangle

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



26.3862, 28.6208, 78.9966



36.6918, 28.6208, 61.3081



28.0369, 28.6208, 8.0359



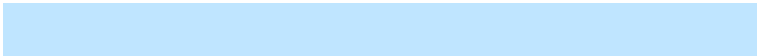
19.5101, 28.6208, 12.9887

Sweetspot

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



26.3873, 28.6217, 78.9973



67.5703, 74.2717, 105.3823



32.3258, 58.3068, 26.0768



13.7790, 15.2250, 22.4624



0.0000, 0.0000, 0.0000



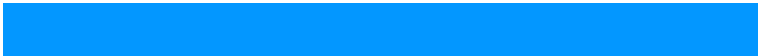
20.3446, 21.4041, 23.3091

Same Dimension

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



26.3873, 28.6217, 78.9973



29.2057, 29.4841, 98.7594



16.7236, 9.2942, 75.7761



14.2854, 15.2922, 18.3431



13.1598, 13.3816, 44.2725



1.0634, 1.1707, 3.3019

Inverse Universe

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



39.0604, 20.6089, 31.6257



46.8825, 23.5613, 31.5063



56.3116, 63.5662, 11.3106



14.7316, 14.5098, 16.7872



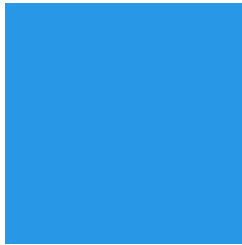
21.0359, 10.5486, 14.3501



1.6004, 0.7979, 1.3021

Previews

White Background



This preview shows how the XYZ color 26.3862, 28.6208, 78.9966 looks on a white background.

Color Contrast Check

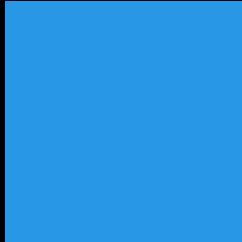
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3862, 28.6208, 78.9966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

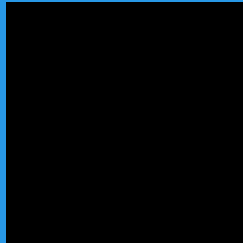
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

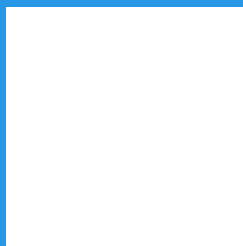
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3862, 28.6208, 78.9966

Background



This preview shows how black text looks on a background with the XYZ color 26.3862, 28.6208, 78.9966.



This preview shows how white text looks on a background with the XYZ color 26.3862, 28.6208,

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

26.3862, 28.6208, 78.9966

Protanopia

29.9266, 28.2795, 72.2878

Deuteranopia

29.4102, 28.5099, 80.2968



Tritanopia

20.2877, 28.5069, 43.9683

Trichromacy



Original Color

26.3862, 28.6208, 78.9966

Protanomaly

27.7579, 28.0143, 74.4653

Deuteranomaly

27.9154, 28.4452, 79.6205

Tritanomaly

22.1615, 28.4503, 55.3624

Monochromacy



Original Color

26.3862, 28.6208, 78.9966

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2243, 22.7216, 38.4417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3862, 28.6208, 78.9966 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(40, 152, 230)` looks like.

```
.text, #text, p{  
  color:rgb(40, 152, 230)  
}
```

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(40, 152, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 152, 230) }
```

Border

The CSS property to change the border of an element to XYZ 26.3862, 28.6208, 78.9966 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(40, 152, 230) }
```


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

```
.border{ border-color:rgb(40, 152, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 152, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 152, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 152, 230);  
box-shadow:4px 4px 4px 4px rgb(40, 152,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3862, 28.6208, 78.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 152, 230) }
```

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

```
.background{ background-color: rgb(40, 152,  
230) }
```

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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