

Converting Colors

XYZ(8.9758, 10.3481, 24.3564)

Have a look what the booklet for
XYZ(8.9758, 10.3481, 24.3564)
contains.

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Color

**XYZ(8.9820, 10.3346,
24.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	1A6087
RGB	26, 96, 135
RGB Percent	10%, 38%, 53%
CMY	0.8980, 0.6235, 0.4706
CMYK	0.81, 0.29, 0.00, 0.47
HSL	201°, 68%, 32%
HSV	201°, 81%, 53%
XYZ	8.9820, 10.3346, 24.4430
YIQ	79.5160, -54.2390, -2.7110

Conversions

Conversions Part 2

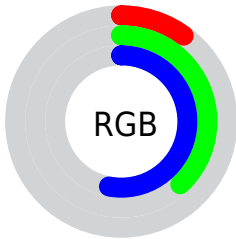
Format	Color
R_{YB}	26, 69, 135
Decimal	1728647
CIE _{Lab}	38.44, -6.89, -27.70
CIE _{LCh}	38, 28.541, 256.020
Yxy	10.3346, 0.2053, 0.2362
Android (android.graphics.Color)	4279918727 (0xFF1A6087)
YUV	79.5160, 27.3536, -46.9335
Hunter-Lab	32.1475, -6.3852, -22.5773

Details

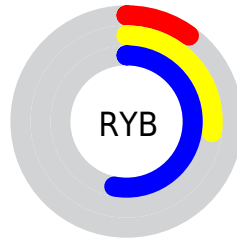
The XYZ color **8.9820, 10.3346, 24.4430** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **12.0690, 9.0069, 2.0801**, and the grayscale version is **7.4880, 7.8780, 8.5791**.

A 20% lighter version of the original color is **23.3805, 26.2633, 51.4140**, and **2.7803, 2.9371, 9.0147** is the 20% darker color. If you saturate the color by 10%, you get **8.2877, 9.3425, 24.2883**, and if you desaturate by 10%, it is **9.8666, 11.4653, 24.6148**.

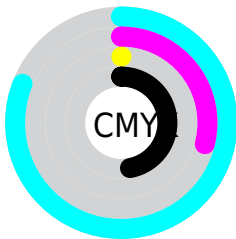
Distribution



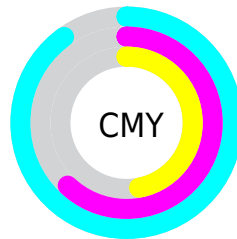
- Red (10%)
- Green (38%)
- Blue (53%)



- Red (10%)
- Yellow (27%)
- Blue (53%)



- Cyan (81%)
- Magenta (29%)
- Yellow (0%)
- Black (47%)



- Cyan (90%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.9820, 10.3346, 24.4430 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 8.9820, 10.3346, 24.4430 by changing the saturation by 10% instead.

8.9820, 10.3346,
24.4430

8.9820, 10.3346,
24.4430

177.4534,
193.0438, 288.4109

4.7865, 5.6214,
15.4473

23.5297, 26.4230,
51.7050

2.1560, 2.6162,
8.9838

34.6126, 38.5669,
70.8084

0.7194, 0.9348,
4.6340

48.7219, 53.9565,
94.1182

0.0000, 0.0000,
1.9792

66.2231, 72.9762,
122.0528

0.0000, 0.0000,
0.5424

87.4815, 96.0104,
155.0309

0.0000, 0.0000,
0.0000

112.8625,

123.4435, 193.4709

142.7313,
155.6598, 237.7914

■ 8.9820, 10.3346,
24.4430

■ 8.9820, 10.3346,
24.4430

■ 8.2877, 9.3425,
24.2883

■ 9.8666, 11.4653,
24.6148

■ 7.7568, 8.5164,
24.1568

■ 10.9611, 12.7449,
24.8041

■ 12.2836, 14.1837,
25.0122

■ 13.8498, 15.7904,
25.2397

■ 15.6739, 17.5730,
25.4877

■ 17.7692, 19.5388,
25.7567

■ 20.1476, 21.6948,
26.0475

■ 22.8205, 24.0474,
26.3607

■ 25.7988, 26.6027,
26.6969

Harmonies

Analogous

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



7.5380, 10.3346, 20.3741



8.9820, 10.3346, 24.4430



10.8456, 10.3346, 24.2846

Triad

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



8.9820, 10.3346, 24.4430



13.6865, 10.3346, 8.6506



7.4626, 10.3346, 5.5235

Complementary

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



8.9820, 10.3346, 24.4430



12.0690, 9.0069, 2.0801

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.



8.8663, 10.3346, 3.9886



8.9820, 10.3346, 24.4430



12.5280, 10.3346, 5.3641

Square

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



8.9820, 10.3346, 24.4430



13.7278, 10.3346, 13.9192



10.7143, 10.3346, 3.9414



6.7388, 10.3346, 8.9504

Rectangle

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



8.9820, 10.3346, 24.4430



12.0851, 10.3346, 21.7652



10.7143, 10.3346, 3.9414



7.8620, 10.3346, 4.8244

Sweetspot

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



8.9824, 10.3349, 24.4433



30.3357, 33.6121, 45.9373



10.0201, 17.9197, 7.8044



6.7550, 7.5301, 10.6038



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



8.9824, 10.3349, 24.4433



14.0148, 15.4011, 43.2824



5.6401, 3.6503, 23.3292



4.6652, 5.0059, 5.9211



7.1655, 7.8789, 22.2798



0.0317, 0.0411, 0.0795

Inverse Universe

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



12.4727, 6.7346, 11.7091



21.0382, 10.5739, 17.1160



16.7337, 18.3364, 3.6350



4.7890, 4.7353, 5.5013



10.7949, 5.3823, 8.7584



0.0409, 0.0200, 0.0487

Previews

White Background



This preview shows how the XYZ color 8.9820, 10.3346, 24.4430 looks on a white 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

Black Background



This preview shows how the XYZ color 8.9820, 10.3346, 24.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

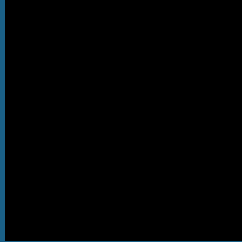
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.9820, 10.3346, 24.4430

Background



This preview shows how black text looks on a background with the XYZ color 8.9820, 10.3346, 24.4430.



This preview shows how white text looks on a background with the XYZ color 8.9820, 10.3346,

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

8.9820, 10.3346, 24.4430

Protanopia

10.5954, 10.3075, 22.2000

Deuteranopia

10.4840, 10.3188, 24.7317

Trichromacy



Original Color

8.9820, 10.3346, 24.4430

Protanomaly

9.6688, 10.1925, 22.9305

Deuteranomaly

9.7393, 10.1887, 24.7459

Monochromacy



Original Color

8.9820, 10.3346, 24.4430

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

7.4915, 8.5363, 13.3094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.9820, 10.3346, 24.4430 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(26, 96, 135) looks like.

```
.text, #text, p{  
    color:rgb(26, 96, 135)  
}
```

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(26, 96, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 96, 135) }
```

Border

The CSS property to change the border of an element to XYZ 8.9820, 10.3346, 24.4430 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(26, 96, 135) }
```

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

```
.border{ border-color:rgb(26, 96, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 96, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 96, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 96, 135);  
box-shadow:4px 4px 4px 4px rgb(26, 96,  
135) }
```


Background

The CSS property to change the background color of an element to XYZ 8.9820, 10.3346, 24.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 96, 135) }
```

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

```
.background{ background-color: rgb(26, 96,  
135) }
```

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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