

Converting Colors

XYZ(22.1057, 26.7728, 61.1293)

Have a look what the booklet for
XYZ(22.1057, 26.7728, 61.1293)
contains.

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Color

**XYZ(22.1273, 26.8161,
61.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	0098CC
RGB	0, 152, 204
RGB Percent	0%, 60%, 80%
CMY	0.9998, 0.4039, 0.2000
CMYK	1.00, 0.25, 0.00, 0.20
HSL	195°, 100%, 40%
HSV	195°, 100%, 80%
XYZ	22.1273, 26.8161, 61.1365
YIQ	112.4800, -107.2840, -16.0520

Conversions

Conversions Part 2

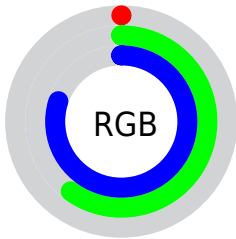
Format	Color
RYB	0, 87, 204
Decimal	39116
CIELab	58.80, -14.84, -36.03
CIELCh	59, 38.964, 247.607
Yxy	26.8161, 0.2010, 0.2436
Android (android.graphics.Color)	4278229196 (0xFF0098CC)
YUV	112.4800, 45.1194, -98.6450
Hunter-Lab	51.7843, -14.3498, -33.7488

Details

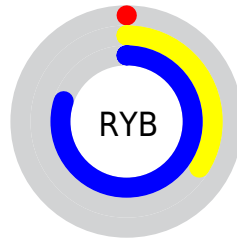
The XYZ color **22.1273, 26.8161, 61.1365** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **26.1323, 15.2975, 1.5767**, and the grayscale version is **15.4404, 16.2445, 17.6903**.

A 20% lighter version of the original color is **45.3768, 54.0719, 102.6531**, and **10.1587, 11.5094, 30.5403** is the 20% darker color. If you saturate the color by 10%, you get **22.1258, 26.8130, 61.1365**, and if you desaturate by 10%, it is **23.2881, 28.6957, 61.4387**.

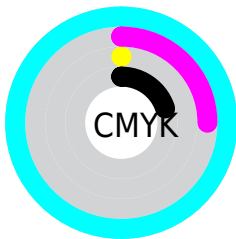
Distribution



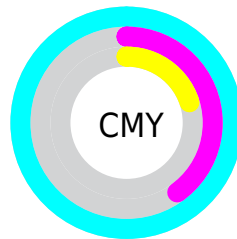
- Red (0%)
- Green (60%)
- Blue (80%)



- Red (0%)
- Yellow (34%)
- Blue (80%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1273, 26.8161, 61.1365 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 22.1273, 26.8161, 61.1365 by changing the saturation by 10% instead.

■ 22.1273, 26.8161,
61.1365

■ 22.1273, 26.8161,
61.1365

255.8302,
286.7656, 446.6947

■ 14.0676, 17.4352,
43.9041

■ 46.4336, 54.5886,
108.0360

■ 8.2497, 10.5452,
30.2585

■ 63.4109, 73.7490,
138.5402

■ 4.3083, 5.7619,
19.7811

■ 84.0914, 96.9380,
174.3053

■ 1.8780, 2.7009,
12.0536

■ 108.8406,
124.5399, 215.7500

■ 0.5640, 0.9776,
6.6572

■ 138.0237,
156.9393, 263.2927

■ 0.0000, 0.0000,
3.1735

172.0061,

■ 0.0000, 0.0000,

194.5204, 317.3520

1.1839

211.1531,
237.6677, 378.3465

■ 0.0000, 0.0000,
0.0000

■ 22.1273, 26.8161,
61.1365

■ 22.1273, 26.8161,
61.1365

■ 22.1258, 26.8130,
61.1365

■ 23.2881, 28.6957,
61.4387

■ 24.7991, 30.8111,
61.7673

■ 26.7686, 33.2192,
62.1284

■ 29.2545, 35.9504,
62.5245

■ 32.3056, 39.0307,
62.9583

■ 35.9649, 42.4827,
63.4317

■ 40.2709, 46.3270,
63.9468

■ 45.2589, 50.5824,
64.5052

■ 50.9616, 55.2663,
65.1088

Harmonies

Analogous

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



18.8461, 26.8161, 48.5070



22.1273, 26.8161, 61.1365



26.7307, 26.8161, 64.0671

Triad

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



22.1273, 26.8161, 61.1365



35.7876, 26.8161, 25.8335



20.2548, 26.8161, 12.8509

Complementary

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



22.1273, 26.8161, 61.1365



26.1323, 15.2975, 1.5767

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.



24.2842, 26.8161, 10.0386



22.1273, 26.8161, 61.1365



33.5313, 26.8161, 15.8436

Square

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



22.1273, 26.8161, 61.1365



35.0214, 26.8161, 40.4845



29.1726, 26.8161, 10.9287



17.8635, 26.8161, 20.2325

Rectangle

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



22.1273, 26.8161, 61.1365



30.0140, 26.8161, 59.4867



29.1726, 26.8161, 10.9287



21.4413, 26.8161, 11.4656

Sweetspot

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



22.1283, 26.8170, 61.1372



66.3756, 76.4454, 105.8648



22.1919, 43.4257, 10.3483



13.5305, 15.7655, 22.5799



0.0000, 0.0000, 0.0000



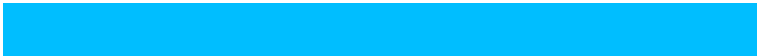
20.3446, 21.4041, 23.3091

Same Dimension

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



22.1283, 26.8170, 61.1372



36.4607, 44.0413, 101.1869



12.0850, 6.7306, 57.7894



11.2917, 12.2239, 14.3347



14.0041, 17.0322, 38.5057



0.7811, 0.9959, 2.0060

Inverse Universe

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



30.5702, 15.1055, 31.0109



50.5329, 24.9771, 50.8655



36.2955, 35.6239, 4.9644



11.5606, 11.3530, 13.4868



19.2795, 9.5224, 19.7225



1.0242, 0.5031, 1.1732

Previews

White Background



This preview shows how the XYZ color 22.1273, 26.8161, 61.1365 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 22.1273, 26.8161, 61.1365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

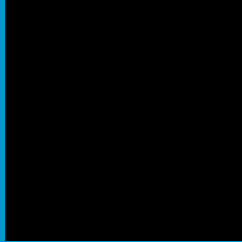
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.1273, 26.8161, 61.1365

Background



This preview shows how black text looks on a background with the XYZ color 22.1273, 26.8161, 61.1365.

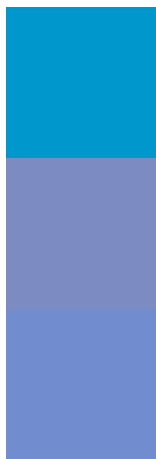


This preview shows how white text looks on a background with the XYZ color 22.1273, 26.8161,

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

22.1273, 26.8161, 61.1365

Protanopia

27.2824, 26.6454, 54.7441

Deuteranopia

27.4506, 26.7719, 62.7522



Tritanopia

19.1249, 26.9411, 41.2380

Trichromacy



Original Color

22.1273, 26.8161, 61.1365

Protanomaly

23.3908, 25.6860, 57.1511

Deuteranomaly

23.7863, 25.7805, 62.1150

Tritanomaly

20.0618, 26.7789, 47.8275

Monochromacy



Original Color

22.1273, 26.8161, 61.1365

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2987, 18.5627, 29.5647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1273, 26.8161, 61.1365 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, 152, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 204)  
}
```

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, 152, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 204) }
```

Border

The CSS property to change the border of an element to XYZ 22.1273, 26.8161, 61.1365 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, 152, 204) }
```


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

```
.border{ border-color:rgb(0, 152, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 152, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1273, 26.8161, 61.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 204) }
```

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

```
.background{ background-color: rgb(0, 152,  
204) }
```

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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