

Converting Colors

XYZ(21.2238, 25.5394, 63.8517)

Have a look what the booklet for
XYZ(21.2238, 25.5394, 63.8517)
contains.

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Color

**XYZ(22.2561, 26.0983,
64.1861)**

Conversions

Conversions Part 1

Format	Color
Hex	0095D1
RGB	0, 149, 209
RGB Percent	0%, 58%, 82%
CMY	0.9998, 0.4157, 0.1804
CMYK	1.00, 0.29, 0.00, 0.18
HSL	197°, 100%, 41%
HSV	197°, 100%, 82%
XYZ	22.2561, 26.0983, 64.1861
YIQ	111.2890, -108.0640, -12.9280

Conversions

Conversions Part 2

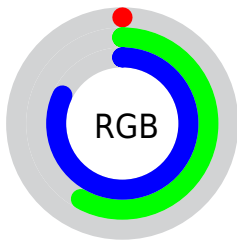
Format	Color
RYB	0, 87, 209
Decimal	38353
CIELab	58.13, -11.35, -39.89
CIELCh	58, 41.468, 254.122
Yxy	26.0983, 0.1978, 0.2319
Android (android.graphics.Color)	4278228433 (0xFF0095D1)
YUV	111.2890, 48.1715, -97.6005
Hunter-Lab	51.0865, -11.6369, -38.7326

Details

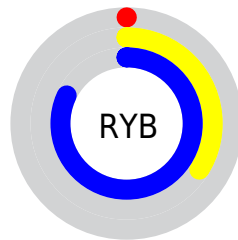
The XYZ color **22.2561, 26.0983, 64.1861** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **27.9137, 16.7928, 1.7717**, and the grayscale version is **15.0851, 15.8707, 17.2832**.

A 20% lighter version of the original color is **44.7728, 52.6986, 102.4198**, and **10.2004, 11.0685, 32.1707** is the 20% darker color. If you saturate the color by 10%, you get **22.2540, 26.0940, 64.1859**, and if you desaturate by 10%, it is **23.5388, 28.2061, 64.5259**.

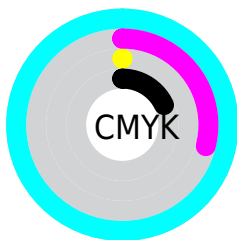
Distribution



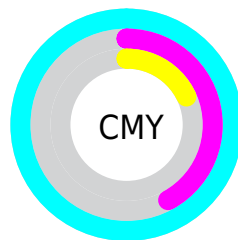
- Red (0%)
- Green (58%)
- Blue (82%)



- Red (0%)
- Yellow (34%)
- Blue (82%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2561, 26.0983, 64.1861 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 22.2561, 26.0983, 64.1861 by changing the saturation by 10% instead.

■ 22.2561, 26.0983,
64.1861

■ 22.2561, 26.0983,
64.1861

256.4881,
283.2643, 458.0873

■ 14.1629, 16.8972,
46.3543

■ 46.6446, 53.4335,
112.4810

■ 8.3165, 10.1612,
32.1748

■ 63.6706, 72.3364,
143.7811

■ 4.3516, 5.5060,
21.2291

■ 84.4049, 95.2419,
180.4077

■ 1.9029, 2.5471,
13.0987

■ 109.2128,
122.5346, 222.7793

■ 0.5785, 0.9001,
7.3650

■ 138.4597,
154.5988, 271.3146

■ 0.0000, 0.0000,
3.6095

172.5110,

■ 0.0000, 0.0000,

191.8189, 326.4320

1.4137

211.7320,
234.5792, 388.5500

■ 0.0000, 0.0000,
0.1523

■ 0.0000, 0.0000,
0.0000

■ 22.2561, 26.0983,
64.1861

■ 22.2561, 26.0983,
64.1861

■ 22.2540, 26.0940,
64.1859

■ 23.5388, 28.2061,
64.5259

■ 25.2032, 30.5839,
64.8971

■ 27.3627, 33.2917,
65.3060

■ 30.0790, 36.3623,
65.7555

■ 33.4040, 39.8235,
66.2483

■ 37.3837, 43.6999,
66.7868

■ 42.0592, 48.0137,
67.3730

■ 47.4681, 52.7852,
68.0089

■ 53.6452, 58.0333,
68.6963

Harmonies

Analogous

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



18.4986, 26.0983, 52.3494



22.2561, 26.0983, 64.1861



27.2374, 26.0983, 64.5645

Triad

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



22.2561, 26.0983, 64.1861



35.3997, 26.0983, 22.1883



18.6712, 26.0983, 12.8268

Complementary

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



22.2561, 26.0983, 64.1861



27.9137, 16.7928, 1.7717

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.



22.5231, 26.0983, 9.1480



22.2561, 26.0983, 64.1861



32.4045, 26.0983, 13.1827

Square

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



22.2561, 26.0983, 64.1861



35.3027, 26.0983, 36.6754



27.5428, 26.0983, 9.2514



16.6277, 26.0983, 21.5012

Rectangle

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



22.2561, 26.0983, 64.1861



30.6272, 26.0983, 58.0146



27.5428, 26.0983, 9.2514



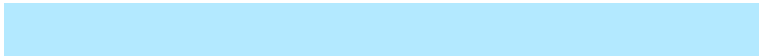
19.7729, 26.0983, 11.1187

Sweetspot

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



22.2571, 26.0992, 64.1868



65.6733, 75.0407, 105.6307



23.5974, 45.9201, 11.7922



13.3619, 15.4282, 22.5236



0.0000, 0.0000, 0.0000



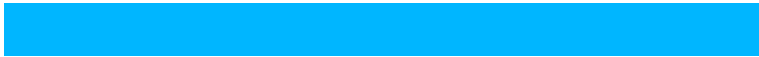
20.3446, 21.4041, 23.3091

Same Dimension

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



22.2571, 26.0992, 64.1868



34.7322, 40.5844, 100.6107



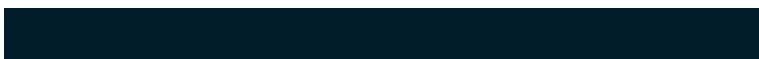
12.4603, 6.5055, 60.9212



11.8596, 12.8095, 15.0911



13.8090, 16.2647, 39.6041



0.8382, 1.0416, 2.2364

Inverse Universe

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



31.7203, 15.7266, 29.7980



49.6604, 24.6282, 46.2712



39.5221, 40.0096, 5.6411



12.1600, 11.9488, 14.1186



19.6009, 9.7132, 18.6023



1.1293, 0.5564, 1.2157

Previews

White Background



This preview shows how the XYZ color 22.2561, 26.0983, 64.1861 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 22.2561, 26.0983, 64.1861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

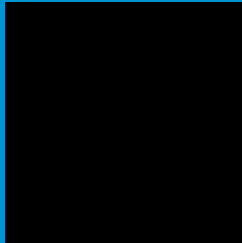
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2561, 26.0983, 64.1861

Background



This preview shows how black text looks on a background with the XYZ color 22.2561, 26.0983, 64.1861.

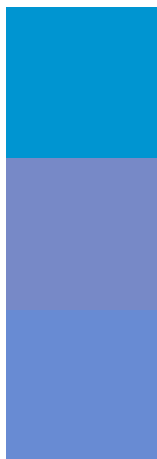


This preview shows how white text looks on a background with the XYZ color 22.2561, 26.0983,

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

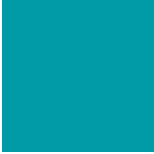
22.2561, 26.0983, 64.1861

Protanopia

26.8622, 25.9368, 57.6233

Deuteranopia

26.6994, 26.1114, 65.2608



Tritanopia

18.6043, 26.1959, 40.1522

Trichromacy



Original Color

22.2561, 26.0983, 64.1861

Protanomaly

23.2849, 24.8980, 60.0785

Deuteranomaly

23.7021, 25.4563, 64.6371

Tritanomaly

19.8347, 26.1599, 48.2599

Monochromacy



Original Color

22.2561, 26.0983, 64.1861

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1986, 18.1134, 30.2989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2561, 26.0983, 64.1861 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, 149, 209)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 209)  
}
```

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, 149, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 209) }
```

Border

The CSS property to change the border of an element to XYZ 22.2561, 26.0983, 64.1861 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, 149, 209) }
```


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

```
.border{ border-color:rgb(0, 149, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 209);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2561, 26.0983, 64.1861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 209) }
```

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

```
.background{ background-color: rgb(0, 149,  
209) }
```

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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