

Converting Colors

XYZ(15.2379, 22.7481, 65.2205)

Have a look what the booklet for
XYZ(15.2379, 22.7481, 65.2205)
contains.

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Color

**XYZ(22.6642, 26.5158,
65.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	0096D3
RGB	0, 150, 211
RGB Percent	0%, 59%, 83%
CMY	0.9998, 0.4118, 0.1725
CMYK	1.00, 0.29, 0.00, 0.17
HSL	197°, 100%, 41%
HSV	197°, 100%, 83%
XYZ	22.6642, 26.5158, 65.5516
YIQ	112.1040, -108.9810, -12.8290

Conversions

Conversions Part 2

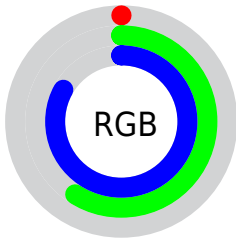
Format	Color
RYB	0, 88, 211
Decimal	38611
CIELab	58.52, -11.17, -40.39
CIElCh	59, 41.904, 254.543
Yxy	26.5158, 0.1975, 0.2311
Android (android.graphics.Color)	4278228691 (0xFF0096D3)
YUV	112.1040, 48.7557, -98.3152
Hunter-Lab	51.4935, -11.5491, -39.4312

Details

The XYZ color **22.6642, 26.5158, 65.5516** 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 **28.5358, 17.1918, 1.8158**, and the grayscale version is **15.3206, 16.1184, 17.5530**.

A 20% lighter version of the original color is **45.0097, 53.1724, 102.4988**, and **10.4626, 11.3240, 33.0868** is the 20% darker color. If you saturate the color by 10%, you get **22.6623, 26.5118, 65.5515**, and if you desaturate by 10%, it is **23.9762, 28.6757, 65.8999**.

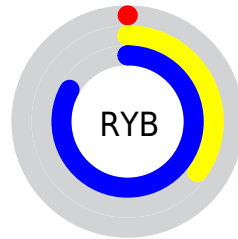
Distribution



Red (0%)

Green (59%)

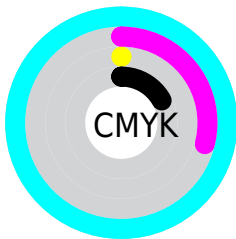
Blue (83%)



Red (0%)

Yellow (35%)

Blue (83%)

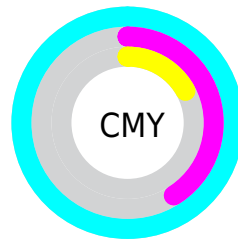


Cyan (100%)

Magenta (29%)

Yellow (0%)

Black (17%)



Cyan (100%)

Magenta (41%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6642, 26.5158, 65.5516 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 22.6642, 26.5158, 65.5516 by changing the saturation by 10% instead.

■ 22.6642, 26.5158,
65.5516

■ 22.6642, 26.5158,
65.5516

258.5632,
285.3050, 463.1319

■ 14.4651, 17.2099,
47.4543

■ 47.3121, 54.1059,
114.4634

■ 8.5287, 10.3843,
33.0380

■ 64.4916, 73.1589,
146.1149

■ 4.4897, 5.6545,
21.8842

■ 85.3952, 96.2297,
183.1217

■ 1.9827, 2.6361,
13.5744

■ 110.3883,
123.7028, 225.9021

■ 0.6242, 0.9449,
7.6899

■ 139.8364,
155.9624, 274.8748

■ 0.0000, 0.0000,
3.8122

174.1046,

■ 0.0000, 0.0000,

193.3931, 330.4583

1.5229

213.5584,
236.3791, 393.0712

■ 0.0000, 0.0000,
0.2349

■ 0.0000, 0.0000,
0.0000

■ 22.6642, 26.5158,
65.5516

■ 22.6642, 26.5158,
65.5516

■ 22.6623, 26.5118,
65.5515

■ 23.9762, 28.6757,
65.8999

■ 25.6794, 31.1134,
66.2807

■ 27.8894, 33.8897,
66.7001

■ 30.6693, 37.0384,
67.1613

■ 34.0725, 40.5880,
67.6671

■ 38.1459, 44.5636,
68.2198

■ 42.9317, 48.9881,
68.8215

■ 48.4683, 53.8822,
69.4744

■ 54.7914, 59.2653,
70.1802

Harmonies

Analogous

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



18.8062, 26.5158, 53.5637



22.6642, 26.5158, 65.5516



27.7613, 26.5158, 65.7531

Triad

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



22.6642, 26.5158, 65.5516



36.0059, 26.5158, 22.3429



18.8977, 26.5158, 13.0558

Complementary

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



22.6642, 26.5158, 65.5516



28.5358, 17.1918, 1.8158

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.



22.8059, 26.5158, 9.2521



22.6642, 26.5158, 65.5516



32.9060, 26.5158, 13.2442

Square

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



22.6642, 26.5158, 65.5516



35.9543, 26.5158, 37.0726



27.9235, 26.5158, 9.3068



16.8412, 26.5158, 21.9784

Rectangle

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



22.6642, 26.5158, 65.5516



31.2191, 26.5158, 58.9484



27.9235, 26.5158, 9.3068



20.0133, 26.5158, 11.2946

Sweetspot

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



22.6652, 26.5167, 65.5523



65.6297, 74.9536, 105.6162



24.1059, 46.9136, 12.0346



13.3514, 15.4073, 22.5202



0.0000, 0.0000, 0.0000



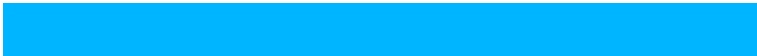
20.3446, 21.4041, 23.3091

Same Dimension

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



22.6652, 26.5167, 65.5523



34.6275, 40.3750, 100.5758



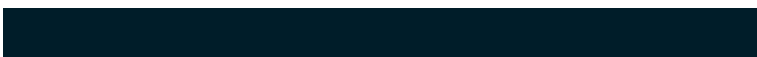
12.7261, 6.6384, 62.2392



11.8576, 12.8054, 15.0904



13.7684, 16.1834, 39.5905



0.8362, 1.0375, 2.2358

Inverse Universe

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



32.3699, 16.0521, 30.2471



49.6076, 24.6070, 45.9929



40.3729, 40.8658, 5.7614



12.1590, 11.9483, 14.1131



19.5804, 9.7050, 18.4943



1.1283, 0.5560, 1.2104

Previews

White Background



This preview shows how the XYZ color 22.6642, 26.5158, 65.5516 looks on a white background.

Color Contrast Check

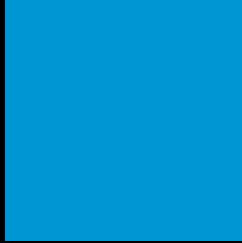
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6642, 26.5158, 65.5516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

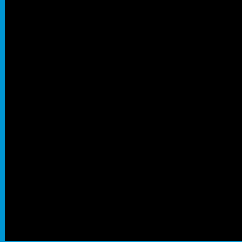
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6642, 26.5158, 65.5516

Background



This preview shows how black text looks on a background with the XYZ color 22.6642, 26.5158, 65.5516.

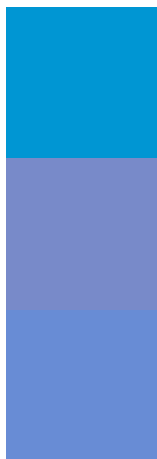


This preview shows how white text looks on a background with the XYZ color 22.6642, 26.5158,

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

22.6642, 26.5158, 65.5516

Protanopia

27.3768, 26.3871, 58.9086

Deuteranopia

27.0972, 26.5033, 66.6383



Tritanopia

18.8635, 26.5670, 40.6929

Trichromacy



Original Color

22.6642, 26.5158, 65.5516



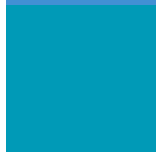
Protanomaly

23.6729, 25.2903, 61.3914



Deuteranomaly

24.1037, 25.8582, 66.0081



Tritanomaly

20.1028, 26.5301, 48.8610

Monochromacy



Original Color

22.6642, 26.5158, 65.5516



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

15.4047, 18.3994, 30.7565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6642, 26.5158, 65.5516 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, 150, 211)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 211)  
}
```

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, 150, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 211) }
```

Border

The CSS property to change the border of an element to XYZ 22.6642, 26.5158, 65.5516 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, 150, 211) }
```


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

```
.border{ border-color:rgb(0, 150, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 211);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6642, 26.5158, 65.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 211) }
```

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

```
.background{ background-color: rgb(0, 150,  
211) }
```

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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