

Converting Colors

XYZ(17.2715, 25.0773, 62.0380)

Have a look what the booklet for
XYZ(17.2715, 25.0773, 62.0380)
contains.

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Color

**XYZ(22.8619, 27.8989,
62.5726)**

Conversions

Conversions Part 1

Format	Color
Hex	009BCE
RGB	0, 155, 206
RGB Percent	0%, 61%, 81%
CMY	0.9998, 0.3921, 0.1922
CMYK	1.00, 0.25, 0.00, 0.19
HSL	195°, 100%, 40%
HSV	195°, 100%, 81%
XYZ	22.8619, 27.8989, 62.5726
YIQ	114.4690, -108.7510, -16.9990

Conversions

Conversions Part 2

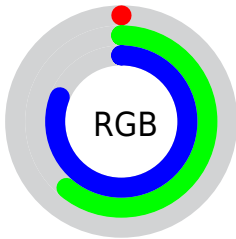
Format	Color
R _{YB}	0, 88, 206
Decimal	39886
CIE _{Lab}	59.80, -15.76, -35.59
CIE _{LCh}	60, 38.927, 246.118
Y _{xy}	27.8989, 0.2017, 0.2462
Android (android.graphics.Color)	4278229966 (0xFF009BCE)
YUV	114.4690, 45.1248, -100.3893
Hunter-Lab	52.8194, -15.1736, -33.2644

Details

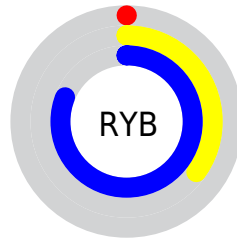
The XYZ color **22.8619, 27.8989, 62.5726** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **26.6399, 15.4936, 1.5878**, and the grayscale version is **16.0315, 16.8663, 18.3674**.

A 20% lighter version of the original color is **46.1060, 55.5303, 102.8961**, and **10.5362, 12.1350, 31.0651** is the 20% darker color. If you saturate the color by 10%, you get **22.8604, 27.8958, 62.5727**, and if you desaturate by 10%, it is **24.0311, 29.7891, 62.8764**.

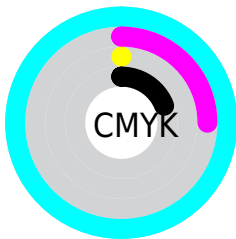
Distribution



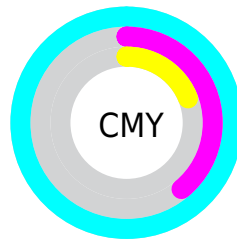
- Red (0%)
- Green (61%)
- Blue (81%)



- Red (0%)
- Yellow (35%)
- Blue (81%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8619, 27.8989, 62.5726 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 22.8619, 27.8989, 62.5726 by changing the saturation by 10% instead.

■ 22.8619, 27.8989,
62.5726

■ 22.8619, 27.8989,
62.5726

259.5635,
291.9835, 452.0819

■ 14.6117, 18.2495,
45.0568

■ 47.6348, 56.3230,
110.1323

■ 8.6319, 11.1292,
31.1589

■ 64.8882, 75.8664,
141.0132

■ 4.5570, 6.1538,
20.4604

■ 85.8734, 99.4767,
177.1862

■ 2.0218, 2.9388,
12.5427

■ 110.9557,
127.5381, 219.0699

■ 0.6462, 1.0999,
6.9874

■ 140.5005,
160.4351, 267.0828

■ 0.0000, 0.0000,
3.3759

174.8732,

■ 0.0000, 0.0000,

198.5521, 321.6434

1.2896

214.4391,
242.2734, 383.1702

■ 0.0000, 0.0000,
0.0533

■ 0.0000, 0.0000,
0.0000

■ 22.8619, 27.8989,
62.5726

■ 22.8619, 27.8989,
62.5726

■ 22.8604, 27.8958,
62.5727

■ 24.0311, 29.7891,
62.8764

■ 25.5569, 31.9166,
63.2066

■ 27.5496, 34.3393,
63.5692

■ 30.0684, 37.0884,
63.9671

■ 33.1633, 40.1902,
64.4027

■ 36.8783, 43.6679,
64.8782

■ 41.2528, 47.5426,
65.3955

■ 46.3229, 51.8334,
65.9565

■ 52.1221, 56.5581,
66.5628

Harmonies

Analogous

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



19.5737, 27.8989, 49.3520



22.8619, 27.8989, 62.5726



27.5402, 27.8989, 66.1509

Triad

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



22.8619, 27.8989, 62.5726



37.1020, 27.8989, 27.5748



21.3132, 27.8989, 13.3023

Complementary

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



22.8619, 27.8989, 62.5726



26.6399, 15.4936, 1.5878

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.



25.5196, 27.8989, 10.5912



22.8619, 27.8989, 62.5726



34.9343, 27.8989, 17.0213

Square

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



22.8619, 27.8989, 62.5726



36.1624, 27.8989, 42.7454



30.5424, 27.8989, 11.7027



18.7602, 27.8989, 20.6594

Rectangle

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



22.8619, 27.8989, 62.5726



30.9124, 27.8989, 61.8504



30.5424, 27.8989, 11.7027



22.5595, 27.8989, 11.9414

Sweetspot

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



22.8629, 27.8998, 62.5733



66.5369, 76.7679, 105.9186



22.6077, 44.3576, 10.1777



13.5693, 15.8431, 22.5928



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.



22.8629, 27.8998, 62.5733



36.8681, 44.8562, 101.3227



12.5059, 7.1858, 59.1210



11.2989, 12.2381, 14.3371



14.1565, 17.3370, 38.5565



0.7879, 1.0095, 2.0083

Inverse Universe

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



31.3709, 15.4895, 32.3475



50.7385, 25.0594, 51.9484



36.5335, 35.2809, 4.8857



11.5642, 11.3544, 13.5057



19.3565, 9.5532, 20.1276



1.0276, 0.5045, 1.1913

Previews

White Background



This preview shows how the XYZ color 22.8619, 27.8989, 62.5726 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 22.8619, 27.8989, 62.5726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

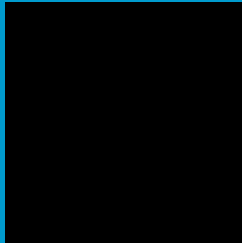
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.8619, 27.8989, 62.5726

Background



This preview shows how black text looks on a background with the XYZ color 22.8619, 27.8989, 62.5726.

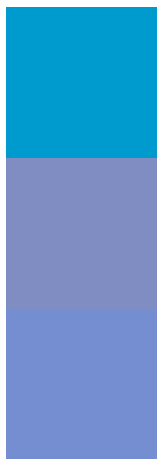


This preview shows how white text looks on a background with the XYZ color 22.8619, 27.8989,

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

22.8619, 27.8989, 62.5726

Protanopia

28.2773, 27.5791, 55.4627

Deuteranopia

28.3841, 27.6625, 64.1650



Tritanopia

19.7488, 27.7365, 42.8409

Trichromacy



Original Color

22.8619, 27.8989, 62.5726

Protanomaly

23.9810, 26.4306, 57.8705

Deuteranomaly

24.6429, 26.8773, 63.5635

Tritanomaly

20.8786, 27.9144, 49.6350

Monochromacy



Original Color

22.8619, 27.8989, 62.5726

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8644, 19.2236, 30.4781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8619, 27.8989, 62.5726 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, 155, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 206)  
}
```

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, 155, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 206) }
```

Border

The CSS property to change the border of an element to XYZ 22.8619, 27.8989, 62.5726 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, 155, 206) }
```


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

```
.border{ border-color:rgb(0, 155, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8619, 27.8989, 62.5726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 206) }
```

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

```
.background{ background-color: rgb(0, 155,  
206) }
```

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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