

Converting Colors

XYZ(21.2793, 24.6265, 62.3753)

Have a look what the booklet for
XYZ(21.2793, 24.6265, 62.3753)
contains.

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Color

**XYZ(21.3879, 24.7558,
62.6826)**

Conversions

Conversions Part 1

Format	Color
Hex	0091CF
RGB	0, 145, 207
RGB Percent	0%, 57%, 81%
CMY	0.9998, 0.4314, 0.1882
CMYK	1.00, 0.30, 0.00, 0.19
HSL	198°, 100%, 41%
HSV	198°, 100%, 81%
XYZ	21.3879, 24.7558, 62.6826
YIQ	108.7130, -106.3220, -11.4580

Conversions

Conversions Part 2

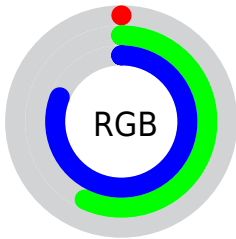
Format	Color
RYB	0, 85, 207
Decimal	37327
CIELab	56.84, -9.83, -40.80
CIELCh	57, 41.964, 256.452
Yxy	24.7558, 0.1965, 0.2275
Android (android.graphics.Color)	4278227407 (0xFF0091CF)
YUV	108.7130, 48.4555, -95.3413
Hunter-Lab	49.7552, -10.3411, -39.8661

Details

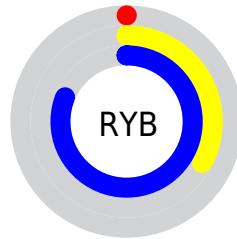
The XYZ color **21.3879, 24.7558, 62.6826** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **27.4579, 16.7161, 1.7807**, and the grayscale version is **14.3479, 15.0951, 16.4386**.

A 20% lighter version of the original color is **43.7290, 50.7762, 102.1038**, and **9.7597, 10.4514, 31.2087** is the 20% darker color. If you saturate the color by 10%, you get **21.3860, 24.7519, 62.6825**, and if you desaturate by 10%, it is **22.6658, 26.8603, 63.0220**.

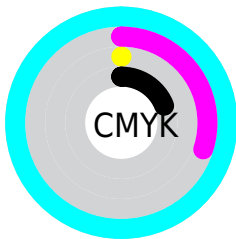
Distribution



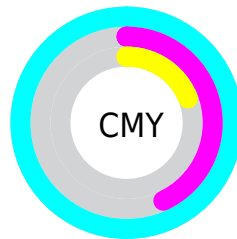
- Red (0%)
- Green (57%)
- Blue (81%)



- Red (0%)
- Yellow (33%)
- Blue (81%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3879, 24.7558, 62.6826 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 21.3879, 24.7558, 62.6826 by changing the saturation by 10% instead.

■ 21.3879, 24.7558,
62.6826

■ 21.3879, 24.7558,
62.6826

252.0257,
276.6196, 452.4929

■ 13.5219, 15.8952,
45.1451

■ 45.2186, 51.2608,
110.2926

■ 7.8684, 9.4500,
31.2280

■ 61.9141, 69.6740,
141.2023

■ 4.0619, 5.0359,
20.5126

■ 82.2835, 92.0401,
177.4064

■ 1.7372, 2.2683,
12.5804

■ 106.6920,
118.7437, 219.3235

■ 0.4794, 0.7569,
7.0130

■ 135.5052,
150.1690, 267.3721

■ 0.0000, 0.0000,
3.3916

169.0883,

■ 0.0000, 0.0000,

186.7005, 321.9709

1.2979

207.8067,
228.7226, 383.5383

■ 0.0000, 0.0000,
0.0601

■ 0.0000, 0.0000,
0.0000

■ 21.3879, 24.7558,
62.6826

■ 21.3879, 24.7558,
62.6826

■ 21.3860, 24.7519,
62.6825

■ 22.6658, 26.8603,
63.0220

■ 24.3205, 29.2367,
63.3935

■ 26.4635, 31.9440,
63.8031

■ 29.1551, 35.0143,
64.2538

■ 32.4463, 38.4751,
64.7484

■ 36.3817, 42.3506,
65.2890

■ 41.0019, 46.6625,
65.8778

■ 46.3434, 51.4310,
66.5167

■ 52.4405, 56.6745,
67.2074

Harmonies

Analogous

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



17.6095, 24.7558, 51.6665



21.3879, 24.7558, 62.6826



26.3043, 24.7558, 62.0624

Triad

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



21.3879, 24.7558, 62.6826



33.7880, 24.7558, 20.0033



17.3322, 24.7558, 12.2952

Complementary

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



21.3879, 24.7558, 62.6826



27.4579, 16.7161, 1.7807

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.



20.9573, 24.7558, 8.4577



21.3879, 24.7558, 62.6826



30.6471, 24.7558, 11.7302

Square

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



21.3879, 24.7558, 62.6826



33.9458, 24.7558, 33.7932



25.8098, 24.7558, 8.2950



15.4973, 24.7558, 21.1075

Rectangle

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



21.3879, 24.7558, 62.6826



29.5926, 24.7558, 55.0550



25.8098, 24.7558, 8.2950



18.3571, 24.7558, 10.5385

Sweetspot

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



21.3888, 24.7566, 62.6832



65.4047, 74.5036, 105.5412



23.0949, 44.9389, 11.5518



13.2975, 15.2994, 22.5022



0.0000, 0.0000, 0.0000



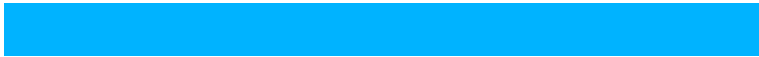
20.3446, 21.4041, 23.3091

Same Dimension

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



21.3888, 24.7566, 62.6832



34.0913, 39.3027, 100.3971



12.1973, 6.3736, 59.6194



11.8469, 12.7841, 15.0868



13.5602, 15.7670, 39.5211



0.8258, 1.0168, 2.2323

Inverse Universe

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



30.8438, 15.3110, 28.1183



49.3369, 24.4988, 44.5678



38.6814, 39.1631, 5.5219



12.1536, 11.9462, 14.0848



19.4753, 9.6630, 17.9409



1.1231, 0.5539, 1.1829

Previews

White Background



This preview shows how the XYZ color 21.3879, 24.7558, 62.6826 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 21.3879, 24.7558, 62.6826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

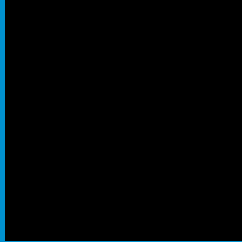
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3879, 24.7558, 62.6826

Background



This preview shows how black text looks on a background with the XYZ color 21.3879, 24.7558, 62.6826.

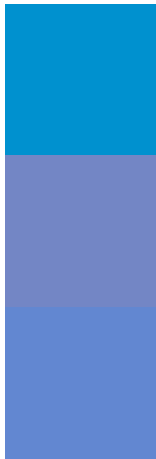


This preview shows how white text looks on a background with the XYZ color 21.3879, 24.7558,

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

21.3879, 24.7558, 62.6826

Protanopia

25.6734, 24.7262, 56.2428

Deuteranopia

25.2096, 24.5281, 63.7273



Tritanopia

17.5882, 24.7419, 38.0311

Trichromacy



Original Color

21.3879, 24.7558, 62.6826



Protanomaly

22.3787, 23.8105, 58.6747



Deuteranomaly

22.6044, 24.0434, 63.1240



Tritanomaly

18.7833, 24.7092, 45.8989

Monochromacy



Original Color

21.3879, 24.7558, 62.6826



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

14.5246, 17.2286, 29.3480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3879, 24.7558, 62.6826 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, 145, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 207)  
}
```

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, 145, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 207) }
```

Border

The CSS property to change the border of an element to XYZ 21.3879, 24.7558, 62.6826 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, 145, 207) }
```


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

```
.border{ border-color:rgb(0, 145, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3879, 24.7558, 62.6826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 207) }
```

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

```
.background{ background-color: rgb(0, 145,  
207) }
```

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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