

Converting Colors

XYZ(22.7154, 25.9698, 67.5678)

Have a look what the booklet for
XYZ(22.7154, 25.9698, 67.5678)
contains.

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Color

**XYZ(22.7275, 26.0348,
67.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	0094D6
RGB	0, 148, 214
RGB Percent	0%, 58%, 84%
CMY	0.9998, 0.4196, 0.1608
CMYK	1.00, 0.31, 0.00, 0.16
HSL	199°, 100%, 42%
HSV	199°, 100%, 84%
XYZ	22.7275, 26.0348, 67.4457
YIQ	111.2720, -109.3940, -10.8500

Conversions

Conversions Part 2

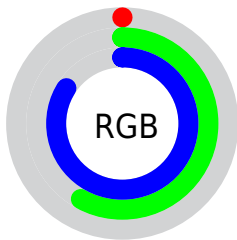
Format	Color
RYB	0, 87, 214
Decimal	38102
CIELab	58.07, -8.93, -42.78
CIELCh	58, 43.702, 258.216
Yxy	26.0348, 0.1956, 0.2240
Android (android.graphics.Color)	4278228182 (0xFF0094D6)
YUV	111.2720, 50.6449, -97.5855
Hunter-Lab	51.0243, -9.7842, -42.6546

Details

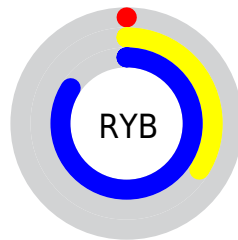
The XYZ color **22.7275, 26.0348, 67.4457** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **29.6834, 18.1990, 1.9498**, and the grayscale version is **15.0735, 15.8585, 17.2699**.

A 20% lighter version of the original color is **44.6500, 52.2858, 102.3466**, and **10.6257, 11.2386, 34.4101** is the 20% darker color. If you saturate the color by 10%, you get **22.7252, 26.0302, 67.4455**, and if you desaturate by 10%, it is **24.1120, 28.3302, 67.8164**.

Distribution



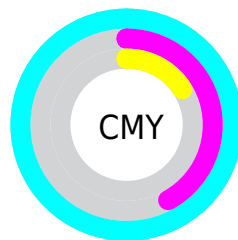
- Red (0%)
- Green (58%)
- Blue (84%)



- Red (0%)
- Yellow (34%)
- Blue (84%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7275, 26.0348, 67.4457 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 22.7275, 26.0348, 67.4457 by changing the saturation by 10% instead.

■ 22.7275, 26.0348,
67.4457

■ 22.7275, 26.0348,
67.4457

258.8838,
282.9529, 470.0742

■ 14.5120, 16.8497,
48.9831

■ 47.4155, 53.3311,
117.2055

■ 8.5617, 10.1274,
34.2405

■ 64.6186, 72.2110,
149.3398

■ 4.5112, 5.4835,
22.7996

■ 85.5484, 95.0914,
186.8683

■ 1.9952, 2.5336,
14.2417

■ 110.5701,
122.3565, 230.2097

■ 0.6313, 0.8934,
8.1483

■ 140.0492,
154.3908, 279.7824

■ 0.0000, 0.0000,
4.1008

174.3509,

■ 0.0000, 0.0000,

191.5787, 336.0051

1.6808

213.8407,
234.3046, 399.2961

■ 0.0000, 0.0000,
0.3475

■ 0.0000, 0.0000,
0.0000

■ 22.7275, 26.0348,
67.4457

■ 22.7275, 26.0348,
67.4457

■ 22.7252, 26.0302,
67.4455

■ 24.1120, 28.3302,
67.8164

■ 25.9085, 30.9268,
68.2229

■ 28.2354, 33.8873,
68.6716

■ 31.1586, 37.2470,
69.1661

■ 34.7333, 41.0357,
69.7090

■ 39.0084, 45.2800,
70.3029

■ 44.0276, 50.0035,
70.9500

■ 49.8310, 55.2282,
71.6526

■ 56.4556, 60.9745,
72.4126

Harmonies

Analogous

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



18.5731, 26.0348, 56.0561



22.7275, 26.0348, 67.4457



28.0597, 26.0348, 65.9508

Triad

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



22.7275, 26.0348, 67.4457



35.7071, 26.0348, 20.1887



17.9152, 26.0348, 13.0415

Complementary

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



22.7275, 26.0348, 67.4457



29.6834, 18.1990, 1.9498

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.



21.7028, 26.0348, 8.7159



22.7275, 26.0348, 67.4457



32.1526, 26.0348, 11.7134

Square

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



22.7275, 26.0348, 67.4457



36.0853, 26.0348, 34.7159



26.8791, 26.0348, 8.3366



16.0712, 26.0348, 22.8097

Rectangle

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



22.7275, 26.0348, 67.4457



31.5789, 26.0348, 57.9114



26.8791, 26.0348, 8.3366



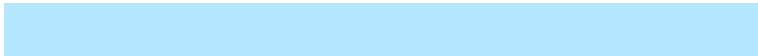
18.9763, 26.0348, 11.0790

Sweetspot

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



22.7285, 26.0356, 67.4464



65.2133, 74.1208, 105.4774



24.9796, 48.4668, 12.9245



13.2516, 15.2077, 22.4869



0.0000, 0.0000, 0.0000



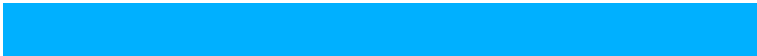
20.3446, 21.4041, 23.3091

Same Dimension

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



22.7285, 26.0356, 67.4464



33.6414, 38.4028, 100.2471



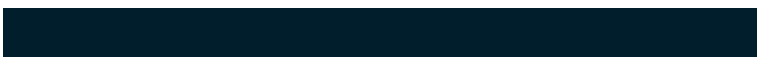
12.9965, 6.5718, 64.2024



12.4539, 13.4313, 15.8736



13.8320, 15.9257, 40.7981



0.9062, 1.1044, 2.4847

Inverse Universe

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



33.0778, 16.4356, 29.4465



49.1098, 24.4079, 43.3719



42.3350, 43.5021, 6.1670



12.7823, 12.5644, 14.7939



20.0406, 9.9526, 18.0497



1.2451, 0.6148, 1.2798

Previews

White Background



This preview shows how the XYZ color 22.7275, 26.0348, 67.4457 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 22.7275, 26.0348, 67.4457 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 22.7275, 26.0348, 67.4457

Background



This preview shows how black text looks on a background with the XYZ color 22.7275, 26.0348, 67.4457.



This preview shows how white text looks on a background with the XYZ color 22.7275, 26.0348,

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

22.7275, 26.0348, 67.4457

Protanopia

27.0472, 25.9640, 60.7127

Deuteranopia

26.6643, 26.0198, 68.5827



Tritanopia

18.4385, 25.8644, 40.0969

Trichromacy



Original Color

22.7275, 26.0348, 67.4457

Protanomaly

23.7341, 25.0597, 63.2606

Deuteranomaly

23.9253, 25.2764, 67.9078

Tritanomaly

19.7755, 25.8754, 48.7519

Monochromacy



Original Color

22.7275, 26.0348, 67.4457

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1515, 17.8930, 30.6721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7275, 26.0348, 67.4457 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, 148, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 214)  
}
```

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, 148, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 214) }
```

Border

The CSS property to change the border of an element to XYZ 22.7275, 26.0348, 67.4457 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, 148, 214) }
```


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

```
.border{ border-color:rgb(0, 148, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7275, 26.0348, 67.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 214) }
```

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

```
.background{ background-color: rgb(0, 148,  
214) }
```

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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