

Converting Colors

XYZ(25.0842, 30.4025, 69.5256)

Have a look what the booklet for
XYZ(25.0842, 30.4025, 69.5256)
contains.

XYZ(25.1395, 30.4476, 69.5177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.1395, 30.4476,
69.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	00A1D8
RGB	0, 161, 216
RGB Percent	0%, 63%, 85%
CMY	0.9998, 0.3686, 0.1529
CMYK	1.00, 0.25, 0.00, 0.15
HSL	195°, 100%, 42%
HSV	195°, 100%, 85%
XYZ	25.1395, 30.4476, 69.5177
YIQ	119.1310, -113.6110, -17.0270

Conversions

Conversions Part 2

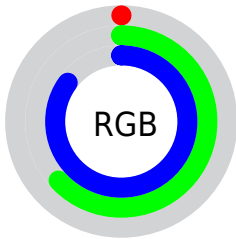
Format	Color
RYB	0, 92, 216
Decimal	41432
CIELab	62.04, -15.42, -37.67
CIELCh	62, 40.701, 247.739
Yxy	30.4476, 0.2009, 0.2434
Android (android.graphics.Color)	4278231512 (0xFF00A1D8)
YUV	119.1310, 47.7564, -104.4779
Hunter-Lab	55.1793, -15.2399, -36.0710

Details

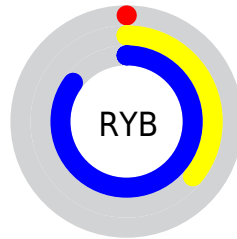
The XYZ color **25.1395, 30.4476, 69.5177** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **29.6879, 17.3361, 1.7829**, and the grayscale version is **17.4604, 18.3697, 20.0046**.

A 20% lighter version of the original color is **48.1994, 59.2153, 103.4971**, and **11.9017, 13.5105, 35.6987** is the 20% darker color. If you saturate the color by 10%, you get **25.1378, 30.4439, 69.5177**, and if you desaturate by 10%, it is **26.4458, 32.5802, 69.8611**.

Distribution



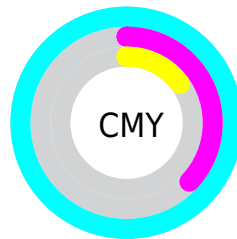
- Red (0%)
- Green (63%)
- Blue (85%)



- Red (0%)
- Yellow (36%)
- Blue (85%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1395, 30.4476, 69.5177 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 25.1395, 30.4476, 69.5177 by changing the saturation by 10% instead.

■ 25.1395, 30.4476,
69.5177

■ 25.1395, 30.4476,
69.5177

270.8668,
303.9853, 477.5980

■ 16.3103, 20.1786,
50.6591

■ 51.3247, 60.3693,
120.1954

■ 9.8362, 12.5249,
35.5625

■ 69.4114, 80.7908,
152.8515

■ 5.3519, 7.1022,
23.8095

■ 91.3147, 105.3652,
190.9438

■ 2.4921, 3.5261,
14.9815

■ 117.3999,
134.4770, 234.8909

■ 0.8913, 1.4122,
8.6599

■ 148.0323,
168.5105, 285.1114

■ 0.0000, 0.2257,
4.4263

183.5774,

■ 0.0000, 0.0000,

207.8501, 342.0237

1.8620

224.4004,
252.8802, 406.0464

■ 0.0000, 0.0000,
0.4684

■ 0.0000, 0.0000,
0.0000

■ 25.1395, 30.4476,
69.5177

■ 25.1395, 30.4476,
69.5177

■ 25.1378, 30.4439,
69.5177

■ 26.4458, 32.5802,
69.8611

■ 28.1548, 34.9835,
70.2349

■ 30.3869, 37.7209,
70.6456

■ 33.2089, 40.8274,
71.0965

■ 36.6770, 44.3329,
71.5904

■ 40.8408, 48.2636,
72.1296

■ 45.7446, 52.6430,
72.7165

■ 51.4291, 57.4930,
73.3530

■ 57.9318, 62.8334,
74.0411

Harmonies

Analogous

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



21.4016, 30.4476, 55.1862



25.1395, 30.4476, 69.5177



30.3772, 30.4476, 72.7927

Triad

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



25.1395, 30.4476, 69.5177



40.6469, 30.4476, 29.2639



22.9742, 30.4476, 14.5979

Complementary

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



25.1395, 30.4476, 69.5177



29.6879, 17.3361, 1.7829

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.



27.5479, 30.4476, 11.3836



25.1395, 30.4476, 69.5177



38.0673, 30.4476, 17.9370

Square

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



25.1395, 30.4476, 69.5177



39.7909, 30.4476, 45.9057



33.1044, 30.4476, 12.3764



20.2655, 30.4476, 23.0110

Rectangle

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



25.1395, 30.4476, 69.5177



34.1095, 30.4476, 67.5462



33.1044, 30.4476, 12.3764



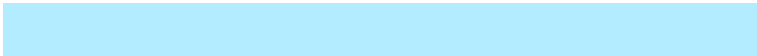
24.3203, 30.4476, 13.0171

Sweetspot

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



25.1406, 30.4486, 69.5185



66.3816, 76.4573, 105.8668



25.2234, 49.3792, 11.6963



13.5320, 15.7684, 22.5803



0.0000, 0.0000, 0.0000



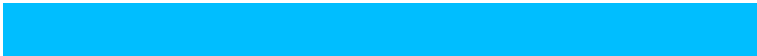
20.3446, 21.4041, 23.3091

Same Dimension

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



25.1406, 30.4486, 69.5185



36.4756, 44.0712, 101.1919



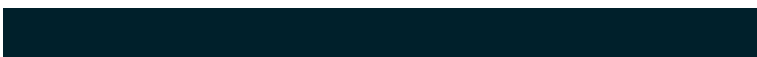
13.7163, 7.6000, 65.7104



12.5120, 13.5474, 15.8930



14.9694, 18.2007, 41.1773



0.9674, 1.2268, 2.5051

Inverse Universe

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



34.7529, 17.1734, 35.2022



50.5404, 24.9802, 50.9053



41.2420, 40.4444, 5.6343



12.8116, 12.5762, 14.9483



20.6147, 10.1822, 21.0731



1.2759, 0.6272, 1.4425

Previews

White Background



This preview shows how the XYZ color 25.1395, 30.4476, 69.5177 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.1395, 30.4476, 69.5177 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 ✓ Pass

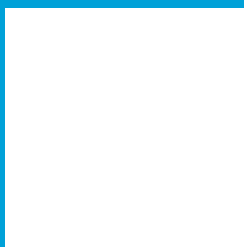
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1395, 30.4476, 69.5177

Background



This preview shows how black text looks on a background with the XYZ color 25.1395, 30.4476, 69.5177.



This preview shows how white text looks on a background with the XYZ color 25.1395, 30.4476,

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

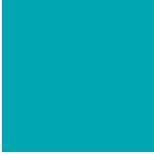
25.1395, 30.4476, 69.5177

Protanopia

30.9689, 30.1807, 61.9508

Deuteranopia

30.9838, 30.2162, 71.2171



Tritanopia

21.6721, 30.4868, 46.8618

Trichromacy



Original Color

25.1395, 30.4476, 69.5177



Protanomaly

26.3930, 28.9447, 64.5174



Deuteranomaly

27.0266, 29.3809, 70.5763



Tritanomaly

22.7899, 30.3567, 54.5274

Monochromacy



Original Color

25.1395, 30.4476, 69.5177



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

17.3383, 20.9198, 33.6959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1395, 30.4476, 69.5177 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, 161, 216)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 216)  
}
```

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, 161, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 216) }
```

Border

The CSS property to change the border of an element to XYZ 25.1395, 30.4476, 69.5177 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, 161, 216) }
```


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

```
.border{ border-color:rgb(0, 161, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 216);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1395, 30.4476, 69.5177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 216) }
```

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

```
.background{ background-color: rgb(0, 161,  
216) }
```

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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