

Converting Colors

XYZ(24.3663, 29.8063, 66.0987)

Have a look what the booklet for
XYZ(24.3663, 29.8063, 66.0987)
contains.

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Color

**XYZ(24.4038, 29.8835,
66.1099)**

Conversions

Conversions Part 1

Format	Color
Hex	06A0D3
RGB	6, 160, 211
RGB Percent	2%, 63%, 83%
CMY	0.9763, 0.3725, 0.1725
CMYK	0.97, 0.24, 0.00, 0.17
HSL	195°, 94%, 43%
HSV	195°, 97%, 83%
XYZ	24.4038, 29.8835, 66.1099
YIQ	119.7680, -108.1550, -16.7870

Conversions

Conversions Part 2

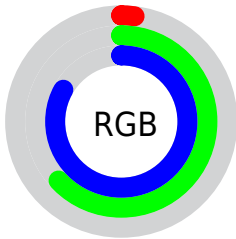
Format	Color
RYB	6, 94, 211
Decimal	434387
CIELab	61.55, -16.49, -35.64
CIElCh	62, 39.272, 245.171
Yxy	29.8835, 0.2027, 0.2482
Android (android.graphics.Color)	4278624467 (0xFF06A0D3)
YUV	119.7680, 44.9774, -99.7745
Hunter-Lab	54.6658, -15.9795, -33.4361

Details

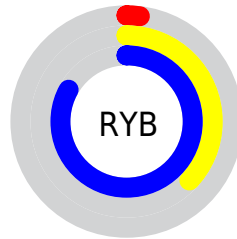
The XYZ color **24.4038, 29.8835, 66.1099** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **28.3630, 16.7934, 1.9203**, and the grayscale version is **17.6695, 18.5897, 20.2442**.

A 20% lighter version of the original color is **47.9440, 58.7044, 103.4119**, and **11.4694, 13.3376, 33.4224** is the 20% darker color. If you saturate the color by 10%, you get **24.0697, 29.3266, 66.0206**, and if you desaturate by 10%, it is **25.7147, 31.9397, 66.4383**.

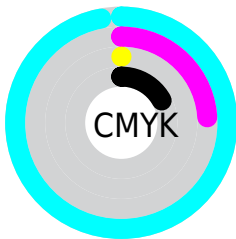
Distribution



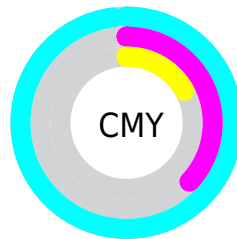
- Red (2%)
- Green (63%)
- Blue (83%)



- Red (2%)
- Yellow (37%)
- Blue (83%)



- Cyan (97%)
- Magenta (24%)
- Yellow (0%)
- Black (17%)



- Cyan (98%)
- Magenta (37%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4038, 29.8835, 66.1099 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 24.4038, 29.8835, 66.1099 by changing the saturation by 10% instead.

■ 24.4038, 29.8835,
66.1099

■ 24.4038, 29.8835,
66.1099

267.2584,
301.3610, 465.1848

■ 15.7598, 19.7502,
47.9046

■ 50.1382, 59.4779,
115.2726

■ 9.4441, 12.2136,
33.3919

■ 67.9594, 79.7078,
147.0670

■ 5.0914, 6.8893,
22.1532

■ 89.5703, 104.0719,
184.2282

■ 2.3363, 3.3930,
13.7702

■ 115.3363,
132.9548, 227.1747

■ 0.8131, 1.3402,
7.8241

■ 145.6227,
166.7407, 276.3251

■ 0.0000, 0.1720,
3.8964

180.7950,

■ 0.0000, 0.0000,

205.8141, 332.0978

1.5687

221.2184,
250.5595, 394.9116

■ 0.0000, 0.0000,
0.2683

■ 0.0000, 0.0000,
0.0000

■ 24.4038, 29.8835,
66.1099

■ 24.4038, 29.8835,
66.1099

■ 24.0697, 29.3266,
66.0206

■ 25.7147, 31.9397,
66.4383

■ 27.4579, 34.2760,
66.7974

■ 29.7142, 36.9353,
67.1918

■ 32.5430, 39.9488,
67.6243

■ 35.9956, 43.3436,
68.0976

■ 40.1169, 47.1435,
68.6139

■ 44.9477, 51.3702,
69.1751

■ 50.5256, 56.0436,
69.7832

■ 56.8851, 61.1822,
70.4398

Harmonies

Analogous

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



20.9810, 29.8835, 52.0041



24.4038, 29.8835, 66.1099



29.3153, 29.8835, 70.2576

Triad

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



24.4038, 29.8835, 66.1099



39.5853, 29.8835, 30.0217



23.0184, 29.8835, 14.2787

Complementary

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



24.4038, 29.8835, 66.1099



28.3630, 16.7934, 1.9203

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.



27.5106, 29.8835, 11.5227



24.4038, 29.8835, 66.1099



37.3974, 29.8835, 18.6599

Square

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



24.4038, 29.8835, 66.1099



38.4919, 29.8835, 46.1224



32.8177, 29.8835, 12.8378



20.2523, 29.8835, 21.9231

Rectangle

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



24.4038, 29.8835, 66.1099



32.8775, 29.8835, 65.9937



32.8177, 29.8835, 12.8378



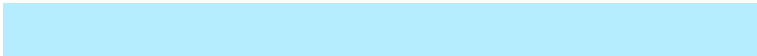
24.3548, 29.8835, 12.8768

Sweetspot

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



24.4049, 29.8845, 66.1107



67.2859, 77.3860, 105.9984



24.0331, 46.8932, 11.2589



13.7108, 15.9609, 22.6081



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.



24.4049, 29.8845, 66.1107



36.8003, 44.7206, 101.3001



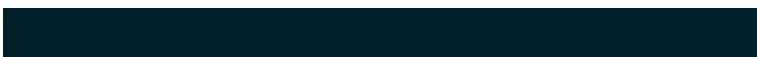
13.4867, 8.0482, 62.4713



11.8989, 12.8880, 15.1042



14.6107, 17.8679, 39.8713



0.8776, 1.1204, 2.2496

Inverse Universe

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



33.2752, 16.5185, 34.6932



50.7043, 25.0457, 51.7683



38.8442, 37.7560, 5.4141



12.1798, 11.9567, 14.2229



20.0055, 9.8750, 20.7330



1.1492, 0.5644, 1.3205

Previews

White Background



This preview shows how the XYZ color 24.4038, 29.8835, 66.1099 looks on a white background.

Color Contrast Check

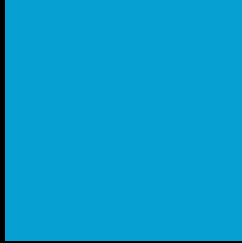
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4038, 29.8835, 66.1099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

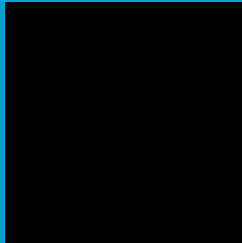
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4038, 29.8835, 66.1099

Background



This preview shows how black text looks on a background with the XYZ color 24.4038, 29.8835, 66.1099.

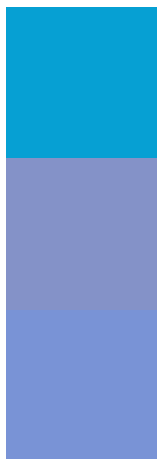


This preview shows how white text looks on a background with the XYZ color 24.4038, 29.8835,

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

24.4038, 29.8835, 66.1099

Protanopia

30.2199, 29.6334, 58.7706

Deuteranopia

30.4565, 29.7874, 67.7626



Tritanopia

21.2113, 29.7252, 46.2146

Trichromacy



Original Color

24.4038, 29.8835, 66.1099

Protanomaly

25.8034, 28.4713, 61.2623

Deuteranomaly

26.4629, 28.9228, 67.1387

Tritanomaly

22.3075, 29.8814, 52.7361

Monochromacy



Original Color

24.4038, 29.8835, 66.1099

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6382, 21.2901, 33.3168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4038, 29.8835, 66.1099 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(6, 160, 211)` looks like.

```
.text, #text, p{  
    color:rgb(6, 160, 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(6, 160, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 160, 211) }
```

Border

The CSS property to change the border of an element to XYZ 24.4038, 29.8835, 66.1099 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(6, 160, 211) }
```


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

```
.border{ border-color:rgb(6, 160, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 160, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 160, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 160, 211);  
box-shadow:4px 4px 4px 4px rgb(6, 160,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4038, 29.8835, 66.1099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 160, 211) }
```

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

```
.background{ background-color: rgb(6, 160,  
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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