

Converting Colors

XYZ(24.1380, 30.8375, 61.8068)

Have a look what the booklet for
XYZ(24.1380, 30.8375, 61.8068)
contains.

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Color

**XYZ(24.1745, 30.9106,
61.8189)**

Conversions

Conversions Part 1

Format	Color
Hex	00A4CC
RGB	0, 164, 204
RGB Percent	0%, 64%, 80%
CMY	0.9998, 0.3569, 0.2000
CMYK	1.00, 0.20, 0.00, 0.20
HSL	192°, 100%, 40%
HSV	192°, 100%, 80%
XYZ	24.1745, 30.9106, 61.8189
YIQ	119.5240, -110.5840, -22.3280

Conversions

Conversions Part 2

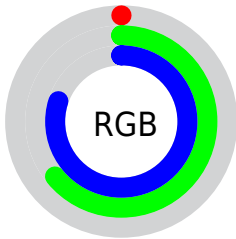
Format	Color
RYB	0, 91, 204
Decimal	42188
CIELab	62.43, -21.28, -30.38
CIELCh	62, 37.090, 234.997
Yxy	30.9106, 0.2068, 0.2644
Android (android.graphics.Color)	4278232268 (0xFF00A4CC)
YUV	119.5240, 41.6467, -104.8225
Hunter-Lab	55.5973, -19.6809, -27.0067

Details

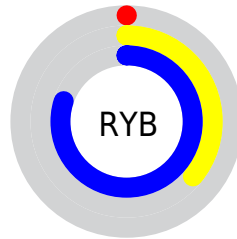
The XYZ color **24.1745, 30.9106, 61.8189** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **25.6624, 14.3578, 1.4199**, and the grayscale version is **17.6019, 18.5186, 20.1668**.

A 20% lighter version of the original color is **48.7483, 60.6497, 103.7450**, and **11.2992, 13.7903, 30.9204** is the 20% darker color. If you saturate the color by 10%, you get **24.1737, 30.9086, 61.8192**, and if you desaturate by 10%, it is **25.1999, 32.5194, 62.0760**.

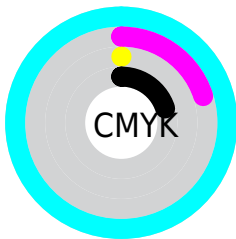
Distribution



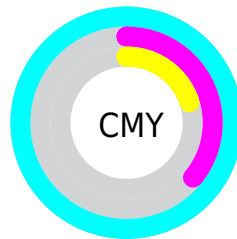
- Red (0%)
- Green (64%)
- Blue (80%)



- Red (0%)
- Yellow (36%)
- Blue (80%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1745, 30.9106, 61.8189 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 24.1745, 30.9106, 61.8189 by changing the saturation by 10% instead.

■ 24.1745, 30.9106,
61.8189

■ 24.1745, 30.9106,
61.8189

266.1256,
306.1262, 449.2596

■ 15.5886, 20.5308,
44.4515

■ 49.7674, 61.0993,
109.0328

■ 9.3225, 12.7815,
30.6858

■ 67.5051, 81.6770,
139.7164

■ 5.0109, 7.2782,
20.1033

■ 89.0241, 106.4227,
175.6759

■ 2.2885, 3.6367,
12.2853

■ 114.6897,
135.7209, 217.3297

■ 0.7888, 1.4725,
6.8134

■ 144.8673,
169.9560, 265.0965

■ 0.0000, 0.2692,
3.2690

179.9222,

■ 0.0000, 0.0000,

209.5123, 319.3947

1.2336

220.2199,
254.7742, 380.6429

■ 0.0000, 0.0000,
0.0064

■ 0.0000, 0.0000,
0.0000

■ 24.1745, 30.9106,
61.8189

■ 24.1745, 30.9106,
61.8189

■ 24.1737, 30.9086,
61.8192

■ 25.1999, 32.5194,
62.0760

■ 26.5605, 34.3342,
62.3546

■ 28.3646, 36.4117,
62.6605

■ 30.6699, 38.7819,
62.9965

■ 33.5249, 41.4701,
63.3649

■ 36.9723, 44.4985,
63.7677

■ 41.0504, 47.8873,
64.2069

■ 45.7943, 51.6548,
64.6841

■ 51.2365, 55.8180,
65.2008

Harmonies

Analogous

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



21.4581, 30.9106, 46.7675



24.1745, 30.9106, 61.8189



28.5443, 30.9106, 69.4691

Triad

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



24.1745, 30.9106, 61.8189



40.1038, 30.9106, 36.1299



25.4800, 30.9106, 14.2791

Complementary

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



24.1745, 30.9106, 61.8189



25.6624, 14.3578, 1.4199

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.



30.2310, 30.9106, 12.9197



24.1745, 30.9106, 61.8189



39.0440, 30.9106, 23.2579

Square

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



24.1745, 30.9106, 61.8189



38.0335, 30.9106, 52.1726



35.2829, 30.9106, 15.6867



22.1493, 30.9106, 20.1389

Rectangle

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



24.1745, 30.9106, 61.8189



31.9535, 30.9106, 68.1199



35.2829, 30.9106, 15.6867



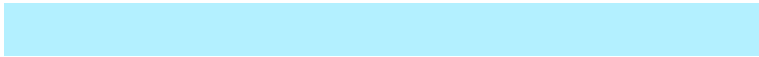
26.9478, 30.9106, 13.3672

Sweetspot

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



24.1756, 30.9117, 61.8197



67.6844, 79.0630, 106.3011



21.9343, 43.3227, 8.9922



13.8457, 16.3959, 22.6849



0.0000, 0.0000, 0.0000



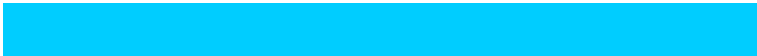
20.3446, 21.4041, 23.3091

Same Dimension

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



24.1756, 30.9117, 61.8197



39.8795, 50.8789, 102.3265



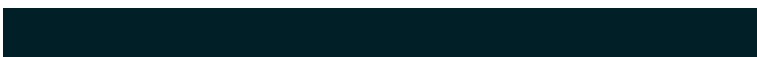
12.7687, 8.0979, 58.0174



11.3491, 12.3386, 14.3538



15.2811, 19.5862, 38.9314



0.8374, 1.1085, 2.0248

Inverse Universe

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



31.6036, 15.5188, 36.4528



52.2585, 25.6674, 59.9527



34.1949, 31.4227, 4.2641



11.5896, 11.3646, 13.6393



19.9241, 9.7802, 23.1168



1.0526, 0.5144, 1.3229

Previews

White Background



This preview shows how the XYZ color 24.1745, 30.9106, 61.8189 looks on a white background.

Color Contrast Check

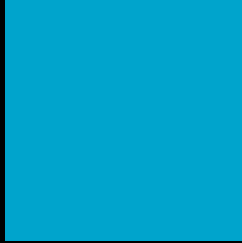
Large Text (above 18pt) WCAG AA × Fail

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 24.1745, 30.9106, 61.8189 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

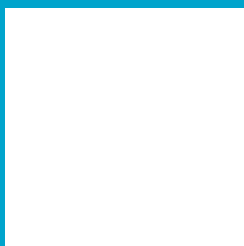
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1745, 30.9106, 61.8189

Background



This preview shows how black text looks on a background with the XYZ color 24.1745, 30.9106, 61.8189.

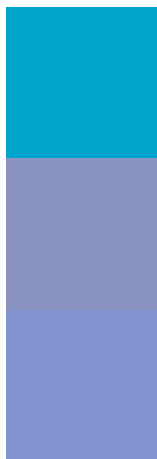


This preview shows how white text looks on a background with the XYZ color 24.1745, 30.9106,

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

24.1745, 30.9106, 61.8189

Protanopia

30.7518, 30.4745, 54.1306

Deuteranopia

31.3351, 30.5592, 63.9215



Tritanopia

22.0569, 30.9327, 47.9881

Trichromacy



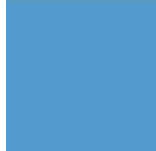
Original Color

24.1745, 30.9106, 61.8189



Protanomaly

25.5439, 29.1714, 56.5089



Deuteranomaly

26.3854, 29.4552, 63.3262



Tritanomaly

22.8215, 30.9466, 52.9146

Monochromacy



Original Color

24.1745, 30.9106, 61.8189



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

17.3706, 21.3792, 32.4892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1745, 30.9106, 61.8189 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, 164, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 204)  
}
```

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, 164, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 204) }
```

Border

The CSS property to change the border of an element to XYZ 24.1745, 30.9106, 61.8189 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, 164, 204) }
```


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

```
.border{ border-color:rgb(0, 164, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 164, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 164,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1745, 30.9106, 61.8189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 204) }
```

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

```
.background{ background-color: rgb(0, 164,  
204) }
```

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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