

Converting Colors

XYZ(23.4412, 29.0019, 61.4898)

Have a look what the booklet for
XYZ(23.4412, 29.0019, 61.4898)
contains.

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Color

**XYZ(23.4144, 28.9621,
61.4829)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 149ECC |
| RGB | 20, 158, 204 |
| RGB Percent | 8%, 62%, 80% |
| CMY | 0.9215, 0.3804, 0.2000 |
| CMYK | 0.90, 0.23, 0.00, 0.20 |
| HSL | 195°, 82%, 44% |
| HSV | 195°, 90%, 80% |
| XYZ | 23.4144, 28.9621, 61.4829 |
| YIQ | 121.9820, -97.0140, -14.9500 |

Conversions

Conversions Part 2

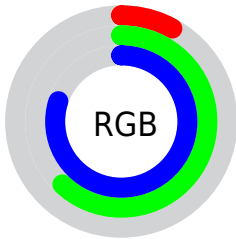
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 20, 99, 204 |
| Decimal | 1351372 |
| CIELab | 60.75, -17.37, -32.98 |
| CIELCh | 61, 37.280, 242.224 |
| Yxy | 28.9621, 0.2056, 0.2544 |
| Android (android.graphics.Color) | 4279541452 (0xFF149ECC) |
| YUV | 121.9820, 40.4349, -89.4382 |
| Hunter-Lab | 53.8164, -16.5172, -30.0647 |

Details

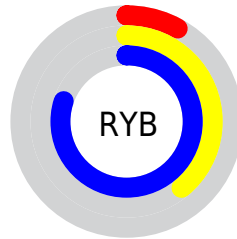
The XYZ color **23.4144, 28.9621, 61.4829** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **26.9782, 16.7873, 2.4814**, and the grayscale version is **18.3906, 19.3483, 21.0703**.

A 20% lighter version of the original color is **47.5532, 57.7516, 103.2486**, and **10.7627, 12.7174, 30.7416** is the 20% darker color. If you saturate the color by 10%, you get **22.2896, 27.1406, 61.1912**, and if you desaturate by 10%, it is **24.9063, 31.0502, 61.8079**.

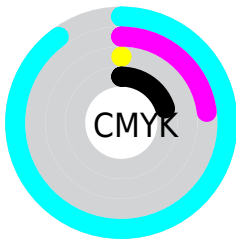
Distribution



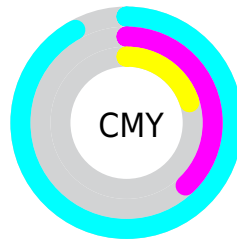
- Red (8%)
- Green (62%)
- Blue (80%)



- Red (8%)
- Yellow (39%)
- Blue (80%)



- Cyan (90%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4144, 28.9621, 61.4829 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 23.4144, 28.9621, 61.4829 by changing the saturation by 10% instead.

■ 23.4144, 28.9621,
61.4829

■ 23.4144, 28.9621,
61.4829

262.3421,
297.0361, 447.9979

■ 15.0222, 19.0522,
44.1819

■ 48.5345, 58.0169,
108.5422

■ 8.9214, 11.7080,
30.4753

■ 65.9932, 77.9305,
139.1375

■ 4.7466, 6.5452,
19.9445

■ 87.2046, 101.9474,
175.0014

■ 2.1326, 3.1793,
12.1711

■ 112.5343,
130.4521, 216.5524

■ 0.7068, 1.2260,
6.7363

■ 142.3475,
163.8289, 264.2090

■ 0.0000, 0.0828,
3.2218

177.0097,

■ 0.0000, 0.0000,

202.4623, 318.3897

1.2090

216.8861,
246.7365, 379.5132

■ 0.0000, 0.0000,
0.0000

■ 23.4144, 28.9621,
61.4829

■ 23.4144, 28.9621,
61.4829

■ 22.2896, 27.1406,
61.1912

■ 24.9063, 31.0502,
61.8079

■ 26.8531, 33.4266,
62.1640

■ 29.3138, 36.1228,
62.5547

■ 32.3373, 39.1646,
62.9825

■ 35.9667, 42.5748,
63.4494

■ 40.2406, 46.3739,
63.9575

■ 45.1943, 50.5807,
64.5084

■ 50.8604, 55.2126,
65.1038

■ 57.2695, 60.2859,
65.7452

Harmonies

Analogous

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



20.3814, 28.9621, 47.9886



23.4144, 28.9621, 61.4829



27.8903, 28.9621, 66.3686

Triad

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



23.4144, 28.9621, 61.4829



37.9134, 28.9621, 30.5120



22.8574, 28.9621, 13.9342

Complementary

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



23.4144, 28.9621, 61.4829



26.9782, 16.7873, 2.4814

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.



27.1681, 28.9621, 11.6961



23.4144, 28.9621, 61.4829



36.1750, 28.9621, 19.3510

Square

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



23.4144, 28.9621, 61.4829



36.6099, 28.9621, 45.6577



32.0963, 28.9621, 13.3429



20.0873, 28.9621, 20.6734

Rectangle

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



23.4144, 28.9621, 61.4829



31.1996, 28.9621, 63.2017



32.0963, 28.9621, 13.3429



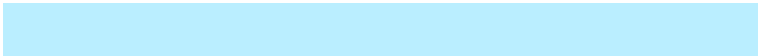
24.1556, 28.9621, 12.7372

Sweetspot

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



23.4154, 28.9631, 61.4836



68.8483, 78.7022, 106.1701



22.8660, 43.7287, 12.3926



14.1621, 16.3496, 22.6593



0.0000, 0.0000, 0.0000



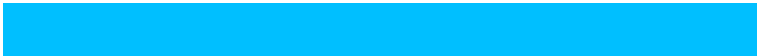
20.3446, 21.4041, 23.3091

Same Dimension

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



23.4154, 28.9631, 61.4836



36.7339, 44.5878, 101.2780



13.1375, 8.4073, 58.0577



11.2965, 12.2335, 14.3363



14.1063, 17.2366, 38.5398



0.7856, 1.0050, 2.0075

Inverse Universe

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



31.3244, 15.8074, 33.7488



50.6708, 25.0323, 51.5917



37.2566, 37.3442, 5.9075



11.5630, 11.3539, 13.4995



19.3311, 9.5430, 19.9942



1.0265, 0.5040, 1.1854

Previews

White Background



This preview shows how the XYZ color 23.4144, 28.9621, 61.4829 looks on a white background.

Color Contrast Check

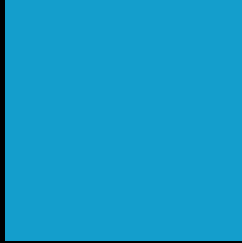
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4144, 28.9621, 61.4829 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

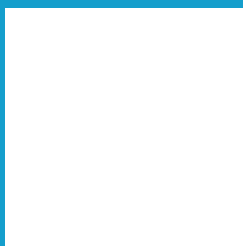
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4144, 28.9621, 61.4829

Background



This preview shows how black text looks on a background with the XYZ color 23.4144, 28.9621, 61.4829.

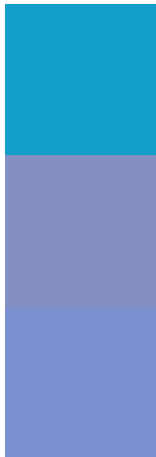


This preview shows how white text looks on a background with the XYZ color 23.4144, 28.9621,

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

23.4144, 28.9621, 61.4829

Protanopia

29.1146, 28.7023, 54.4577

Deuteranopia

29.4041, 28.6625, 63.0141

Trichromacy



Original Color

23.4144, 28.9621, 61.4829

Protanomaly

25.1399, 27.7503, 56.8546

Deuteranomaly

25.7258, 27.9296, 62.4276

Monochromacy



Original Color

23.4144, 28.9621, 61.4829

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.0778, 21.5262, 32.9079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4144, 28.9621, 61.4829 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(20, 158, 204)` looks like.

```
.text, #text, p{  
    color:rgb(20, 158, 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(20, 158, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 158, 204) }
```

Border

The CSS property to change the border of an element to XYZ 23.4144, 28.9621, 61.4829 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(20, 158, 204) }
```

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

```
.border{ border-color:rgb(20, 158, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 158, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 158, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 158, 204);  
box-shadow:4px 4px 4px 4px rgb(20, 158,  
204) }
```


Background

The CSS property to change the background color of an element to XYZ 23.4144, 28.9621, 61.4829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 158, 204) }
```

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

```
.background{ background-color: rgb(20, 158,  
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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