

Converting Colors

XYZ(15.4156, 14.3424, 54.1807)

Have a look what the booklet for
XYZ(15.4156, 14.3424, 54.1807)
contains.

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Color

**XYZ(15.3921, 14.2829,
54.1702)**

Conversions

Conversions Part 1

Format	Color
Hex	1869C4
RGB	24, 105, 196
RGB Percent	9%, 41%, 77%
CMY	0.9058, 0.5882, 0.2314
CMYK	0.88, 0.46, 0.00, 0.23
HSL	212°, 78%, 43%
HSV	212°, 88%, 77%
XYZ	15.3921, 14.2829, 54.1702
YIQ	91.1550, -77.4870, 11.1290

Conversions

Conversions Part 2

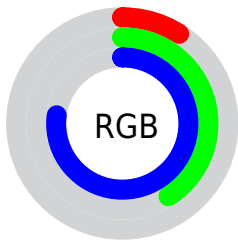
Format	Color
R _Y B	24, 79, 196
Decimal	1599940
CIE Lab	44.64, 11.17, -53.93
CIE LCh	45, 55.077, 281.705
Yxy	14.2829, 0.1836, 0.1703
Android (android.graphics.Color)	4279790020 (0xFF1869C4)
YUV	91.1550, 51.6886, -58.8949
Hunter-Lab	37.7927, 6.5616, -58.5284

Details

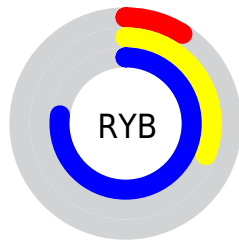
The XYZ color **15.3921, 14.2829, 54.1702** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **29.0635, 24.0685, 3.9792**, and the grayscale version is **9.8797, 10.3942, 11.3193**.

A 20% lighter version of the original color is **35.0976, 33.6936, 97.5822**, and **6.3717, 5.0510, 25.8384** is the 20% darker color. If you saturate the color by 10%, you get **14.0782, 12.1319, 53.8246**, and if you desaturate by 10%, it is **17.1597, 16.8591, 54.5746**.

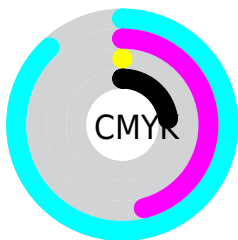
Distribution



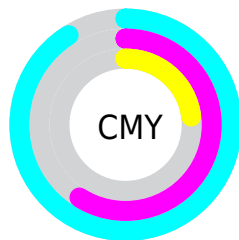
- Red (9%)
- Green (41%)
- Blue (77%)



- Red (9%)
- Yellow (31%)
- Blue (77%)



- Cyan (88%)
- Magenta (46%)
- Yellow (0%)
- Black (23%)



- Cyan (91%)
- Magenta (59%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3921, 14.2829, 54.1702 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 15.3921, 14.2829, 54.1702 by changing the saturation by 10% instead.

■ 15.3921, 14.2829,
54.1702

■ 15.3921, 14.2829,
54.1702

219.0690,
218.9837, 419.9517

■ 9.1831, 8.3177,
38.3436

■ 35.1056, 33.5902,
97.7830

■ 4.9189, 4.2989,
25.9456

■ 49.3409, 47.7010,
126.4064

■ 2.2340, 1.8421,
16.5576

■ 66.9823, 65.2958,
160.1324

■ 0.7606, 0.5132,
9.7609

■ 88.3952, 86.7590,
199.3797

■ 0.0000, 0.0000,
5.1372

■ 113.9450,
112.4750, 244.5667

■ 0.0000, 0.0000,
2.2678

143.9970,

■ 0.0000, 0.0000,

142.8282, 296.1120

0.7131

178.9165,
178.2030, 354.4341

■ 0.0000, 0.0000,
0.0000

■ 15.3921, 14.2829,
54.1702

■ 15.3921, 14.2829,
54.1702

■ 14.0782, 12.1319,
53.8246

■ 17.1597, 16.8591,
54.5746

■ 13.8161, 11.6901,
53.7531

■ 19.4560, 19.9057,
55.0417

■ 22.3358, 23.4569,
55.5753

■ 25.8452, 27.5428,
56.1790

■ 30.0258, 32.1901,
56.8557

■ 34.9150, 37.4238,
57.6082

■ 40.5474, 43.2670,
58.4392

■ 46.9552, 49.7414,
59.3512

■ 54.1685, 56.8673,
60.3464

Harmonies

Analogous

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



11.0557, 14.2829, 52.5072



15.3921, 14.2829, 54.1702



20.1231, 14.2829, 42.0653

Triad

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



15.3921, 14.2829, 54.1702



21.0437, 14.2829, 4.2611



6.9486, 14.2829, 9.0418

Complementary

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



15.3921, 14.2829, 54.1702



29.0635, 24.0685, 3.9792

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.



8.6288, 14.2829, 3.4727



15.3921, 14.2829, 54.1702



16.4516, 14.2829, 1.9417

Square

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



15.3921, 14.2829, 54.1702



23.8326, 14.2829, 11.0791



11.9077, 14.2829, 1.7647



6.7865, 14.2829, 21.0901

Rectangle

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



15.3921, 14.2829, 54.1702



22.6212, 14.2829, 30.3538



11.9077, 14.2829, 1.7647



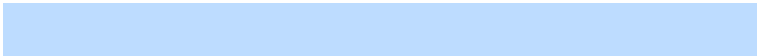
7.3341, 14.2829, 6.5682

Sweetspot

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



15.3927, 14.2833, 54.1706



64.5337, 69.1440, 104.5526



23.0911, 40.8641, 22.2573



13.1002, 14.0481, 22.2710



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.



15.3927, 14.2833, 54.1706



24.7749, 20.6698, 97.2916



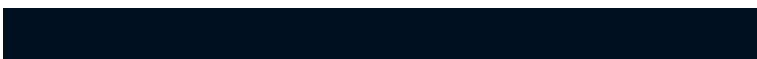
10.7400, 4.8712, 52.5991



9.9106, 10.5125, 12.7916



8.9622, 7.6809, 34.5668



0.4562, 0.4698, 1.5165

Inverse Universe

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



25.6420, 13.4100, 14.6017



44.6344, 22.6178, 19.8048



41.9317, 50.9013, 8.4803



10.2662, 10.1551, 11.4922



15.9197, 8.0576, 7.4890



0.7226, 0.3621, 0.5068

Previews

White Background



This preview shows how the XYZ color 15.3921, 14.2829, 54.1702 looks on a white 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

Black Background



This preview shows how the XYZ color 15.3921, 14.2829, 54.1702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

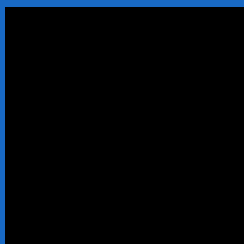
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

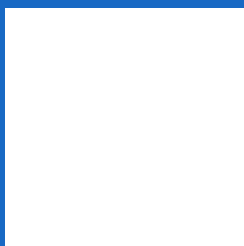
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3921, 14.2829, 54.1702

Background



This preview shows how black text looks on a background with the XYZ color 15.3921, 14.2829, 54.1702.



This preview shows how white text looks on a background with the XYZ color 15.3921, 14.2829,

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

15.3921, 14.2829, 54.1702

Protanopia

16.1806, 14.2828, 52.3561

Deuteranopia

14.4430, 14.1895, 50.1217



Tritanopia

10.0630, 14.2032, 21.6132

Trichromacy



Original Color

15.3921, 14.2829, 54.1702

Protanomaly

15.7146, 14.1764, 52.9470

Deuteranomaly

14.7811, 14.1719, 51.8256

Tritanomaly

11.6037, 14.1027, 31.3887

Monochromacy



Original Color

15.3921, 14.2829, 54.1702

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.4601, 11.1440, 22.3686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3921, 14.2829, 54.1702 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(24, 105, 196)` looks like.

```
.text, #text, p{  
    color:rgb(24, 105, 196)  
}
```

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(24, 105, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 105, 196) }
```

Border

The CSS property to change the border of an element to XYZ 15.3921, 14.2829, 54.1702 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(24, 105, 196) }
```


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

```
.border{ border-color:rgb(24, 105, 196) }
```

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

Here you see how a box with a 4 pixel rgb(24, 105, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 105, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 105, 196);  
box-shadow:4px 4px 4px 4px rgb(24, 105,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3921, 14.2829, 54.1702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 105, 196) }
```

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

```
.background{ background-color: rgb(24, 105,  
196) }
```

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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