

Converting Colors

XYZ(15.0108, 21.7202, 30.5954)

Have a look what the booklet for
XYZ(15.0108, 21.7202, 30.5954)
contains.

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Color

**XYZ(15.0108, 21.7202,
30.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	008F92
RGB	0, 143, 146
RGB Percent	0%, 56%, 57%
CMY	0.9999, 0.4392, 0.4274
CMYK	1.00, 0.02, 0.00, 0.43
HSL	181°, 100%, 29%
HSV	181°, 100%, 57%
XYZ	15.0108, 21.7202, 30.5954
YIQ	100.5850, -86.1910, -29.3830

Conversions

Conversions Part 2

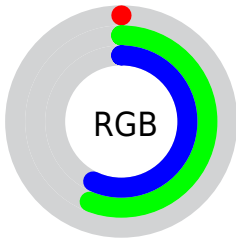
Format	Color
RYB	0, 72, 146
Decimal	36754
CIELab	53.73, -30.29, -10.78
CIELCh	54, 32.149, 199.582
Yxy	21.7202, 0.2230, 0.3226
Android (android.graphics.Color)	4278226834 (0xFF008F92)
YUV	100.5850, 22.3896, -88.2130
Hunter-Lab	46.6049, -24.0663, -6.2995

Details

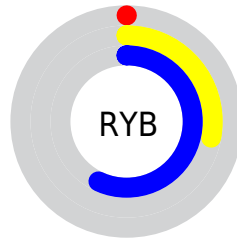
The XYZ color **15.0108, 21.7202, 30.5954** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.8872, 6.1769, 0.5665**, and the grayscale version is **12.2253, 12.8620, 14.0067**.

A 20% lighter version of the original color is **34.4161, 46.1773, 61.7428**, and **5.9385, 8.4988, 12.3938** is the 20% darker color. If you saturate the color by 10%, you get **15.0110, 21.7207, 30.5959**, and if you desaturate by 10%, it is **15.2472, 21.9095, 30.6199**.

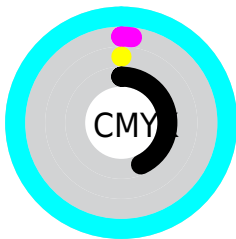
Distribution



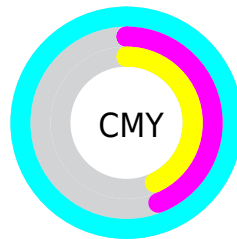
- Red (0%)
- Green (56%)
- Blue (57%)



- Red (0%)
- Yellow (28%)
- Blue (57%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0108, 21.7202, 30.5954 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 15.0108, 21.7202, 30.5954 by changing the saturation by 10% instead.

■ 15.0108, 21.7202,
30.5954

■ 15.0108, 21.7202,
30.5954

■ 216.8187,
261.0816, 318.9632

■ 8.9133, 13.6515,
20.0351

■ 34.4436, 46.2831,
61.6746

■ 4.7414, 7.8786,
12.2362

■ 48.5097, 63.5461,
83.0305

■ 2.1295, 4.0174,
6.7803

■ 65.9627, 84.6425,
108.8221

■ 0.7052, 1.6833,
3.2487

■ 87.1679, 109.9569,
139.4679

■ 0.0000, 0.4128,
1.2230

■ 112.4908,
139.8736, 175.3863

■ 0.0000, 0.0000,
0.0000

■ 142.2966,

174.7771, 216.9960

176.9508,
215.0516, 264.7155

■ 15.0108, 21.7202,
30.5954

■ 15.0108, 21.7202,
30.5954

■ 15.0110, 21.7207,
30.5959

■ 15.2472, 21.9095,
30.6199

■ 15.6146, 22.1660,
30.6500

■ 16.1781, 22.5238,
30.6894

■ 16.9621, 22.9955,
30.7391

■ 17.9876, 23.5918,
30.8002

■ 19.2729, 24.3222,
30.8734

■ 20.8347, 25.1954,
30.9596

■ 22.6884, 26.2192,
31.0595

■ 24.8479, 27.4008,
31.1738

Harmonies

Analogous

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



14.7904, 21.7202, 20.3822



15.0108, 21.7202, 30.5954



16.6403, 21.7202, 41.2344

Triad

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



15.0108, 21.7202, 30.5954



26.1099, 21.7202, 38.2064



21.8656, 21.7202, 9.4672

Complementary

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



15.0108, 21.7202, 30.5954



11.8872, 6.1769, 0.5665

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.



25.2443, 21.7202, 11.9463



15.0108, 21.7202, 30.5954



27.8693, 21.7202, 27.2488

Square

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



15.0108, 21.7202, 30.5954



22.9453, 21.7202, 46.4064



27.5360, 21.7202, 17.8436



18.5027, 21.7202, 9.8998

Rectangle

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



15.0108, 21.7202, 30.5954



18.4185, 21.7202, 46.2583



27.5360, 21.7202, 17.8436



23.0428, 21.7202, 9.9528

Sweetspot

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



15.0115, 21.7210, 30.5959



36.5670, 44.3428, 54.6053



10.2929, 20.5637, 3.4974



7.8947, 9.7308, 12.1343



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.0115, 21.7210, 30.5959



26.4647, 38.2850, 53.9685



7.4154, 6.5290, 28.0639



5.9540, 6.5420, 7.4187



13.2117, 19.1182, 26.9249



0.1643, 0.2392, 0.3304

Inverse Universe

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



16.8126, 8.0949, 26.6637



29.6502, 14.2758, 46.9938



14.4009, 11.2042, 1.4044



6.0302, 5.9072, 7.2653



14.7957, 7.1234, 23.4691



0.1824, 0.0877, 0.2942

Previews

White Background



This preview shows how the XYZ color 15.0108, 21.7202, 30.5954 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 15.0108, 21.7202, 30.5954 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

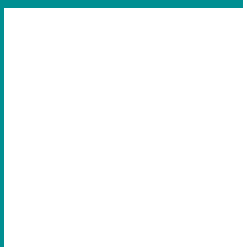
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0108, 21.7202, 30.5954

Background



This preview shows how black text looks on a background with the XYZ color 15.0108, 21.7202, 30.5954.



This preview shows how white text looks on a background with the XYZ color 15.0108, 21.7202,

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

15.0108, 21.7202, 30.5954

Protanopia

20.9354, 21.5455, 26.3478

Deuteranopia

21.8919, 21.5364, 31.8573



Tritanopia

15.7761, 21.8281, 33.5187

Trichromacy



Original Color

15.0108, 21.7202, 30.5954

Protanomaly

16.5145, 20.4178, 27.8816

Deuteranomaly

17.1558, 20.4663, 31.4800

Tritanomaly

15.3750, 21.6496, 32.2226

Monochromacy



Original Color

15.0108, 21.7202, 30.5954

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.5706, 14.8651, 19.0890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0108, 21.7202, 30.5954 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, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 146)  
}
```

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, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 146) }
```

Border

The CSS property to change the border of an element to XYZ 15.0108, 21.7202, 30.5954 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, 143, 146) }
```


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

```
.border{ border-color:rgb(0, 143, 146) }
```

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

Here you see how a box with a 4 pixel rgb(0, 143, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0108, 21.7202, 30.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 146) }
```

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

```
.background{ background-color: rgb(0, 143,  
146) }
```

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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