

Converting Colors

XYZ(13.1734, 20.3899, 30.2259)

Have a look what the booklet for
XYZ(13.1734, 20.3899, 30.2259)
contains.

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Color

**XYZ(14.6357, 21.0941,
30.0882)**

Conversions

Conversions Part 1

Format	Color
Hex	008D91
RGB	0, 141, 145
RGB Percent	0%, 55%, 57%
CMY	0.9999, 0.4471, 0.4314
CMYK	1.00, 0.03, 0.00, 0.43
HSL	182°, 100%, 28%
HSV	182°, 100%, 57%
XYZ	14.6357, 21.0941, 30.0882
YIQ	99.2970, -85.3200, -28.6480

Conversions

Conversions Part 2

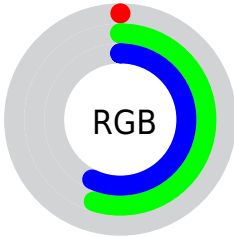
Format	Color
RYB	0, 71, 145
Decimal	36241
CIELab	53.05, -29.64, -11.21
CIELCh	53, 31.693, 200.721
Yxy	21.0941, 0.2224, 0.3205
Android (android.graphics.Color)	4278226321 (0xFF008D91)
YUV	99.2970, 22.5316, -87.0835
Hunter-Lab	45.9283, -23.4930, -6.6918

Details

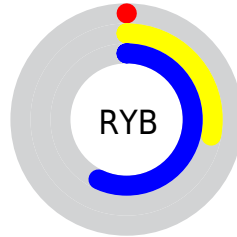
The XYZ color **14.6357, 21.0941, 30.0882** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.7209, 6.1071, 0.5616**, and the grayscale version is **11.8967, 12.5163, 13.6302**.

A 20% lighter version of the original color is **33.7544, 45.1800, 60.9744**, and **5.7217, 8.1386, 12.0958** is the 20% darker color. If you saturate the color by 10%, you get **14.6360, 21.0946, 30.0887**, and if you desaturate by 10%, it is **14.8845, 21.3105, 30.1173**.

Distribution



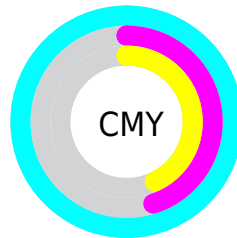
- Red (0%)
- Green (55%)
- Blue (57%)



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



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6357, 21.0941, 30.0882 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 14.6357, 21.0941, 30.0882 by changing the saturation by 10% instead.

14.6357, 21.0941,
30.0882

14.6357, 21.0941,
30.0882

214.5829,
257.7782, 316.5355

8.6488, 13.1928,
19.6529

33.7897, 45.2441,
60.8643

4.5681, 7.5614,
11.9614

47.6876, 62.2616,
82.0422

2.0283, 3.8156,
6.5952

64.9530, 83.0866,
107.6380

0.6498, 1.5710,
3.1357

85.9515, 108.1035,
138.0704

0.0000, 0.3379,
1.1643

111.0484,
137.6967, 173.7577

0.0000, 0.0000,
0.0000

140.6090,

172.2506, 215.1187

174.9987,
212.1497, 262.5717

■ 14.6357, 21.0941,
30.0882

■ 14.6357, 21.0941,
30.0882

■ 14.6360, 21.0946,
30.0887

■ 14.8845, 21.3105,
30.1173

■ 15.2617, 21.5930,
30.1519

■ 15.8322, 21.9754,
30.1956

■ 16.6198, 22.4701,
30.2496

■ 17.6451, 23.0876,
30.3148

■ 18.9262, 23.8374,
30.3920

■ 20.4795, 24.7277,
30.4820

■ 22.3200, 25.7665,
30.5854

■ 24.4616, 26.9607,
30.7031

Harmonies

Analogous

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



14.3694, 21.0941, 20.1354



14.6357, 21.0941, 30.0882



16.2617, 21.0941, 40.2930

Triad

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



14.6357, 21.0941, 30.0882



25.4269, 21.0941, 36.6477



21.0999, 21.0941, 9.2048

Complementary

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



14.6357, 21.0941, 30.0882



11.7209, 6.1071, 0.5616

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.



24.3836, 21.0941, 11.4943



14.6357, 21.0941, 30.0882



27.0577, 21.0941, 26.0543

Square

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



14.6357, 21.0941, 30.0882



22.4018, 21.0941, 44.7502



26.6561, 21.0941, 17.0701



17.8675, 21.0941, 9.7289

Rectangle

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



14.6357, 21.0941, 30.0882



18.0081, 21.0941, 44.9968



26.6561, 21.0941, 17.0701



22.2392, 21.0941, 9.6401

Sweetspot

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



14.6363, 21.0949, 30.0887



36.4823, 44.1734, 54.5770



10.1391, 20.2565, 3.4455



7.8736, 9.6885, 12.1273



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.



14.6363, 21.0949, 30.0887



26.1886, 37.7328, 53.8764



7.3072, 6.4366, 27.6457



5.5477, 6.0912, 6.9121



12.5569, 18.0998, 25.8089



0.1227, 0.1783, 0.2476

Inverse Universe

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



16.4853, 7.9434, 25.8645



29.5108, 14.2201, 46.2599



14.1884, 11.0421, 1.3841



5.6199, 5.5085, 6.7625



14.1413, 6.8135, 22.1930



0.1365, 0.0657, 0.2191

Previews

White Background



This preview shows how the XYZ color 14.6357, 21.0941, 30.0882 looks on a white background.

Color Contrast Check

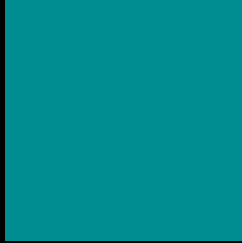
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6357, 21.0941, 30.0882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

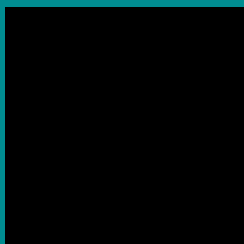
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6357, 21.0941, 30.0882

Background



This preview shows how black text looks on a background with the XYZ color 14.6357, 21.0941, 30.0882.

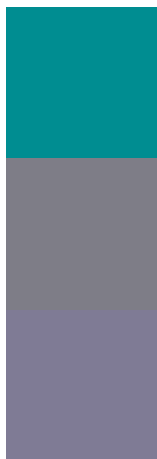


This preview shows how white text looks on a background with the XYZ color 14.6357, 21.0941,

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

14.6357, 21.0941, 30.0882

Protanopia

20.3110, 20.8521, 25.8760

Deuteranopia

21.2602, 20.8479, 31.3373



Tritanopia

15.2733, 21.1500, 32.5555

Trichromacy



Original Color

14.6357, 21.0941, 30.0882

Protanomaly

16.0848, 19.8022, 27.4005

Deuteranomaly

16.7213, 19.8527, 30.9676

Tritanomaly

14.9689, 21.0117, 31.7005

Monochromacy



Original Color

14.6357, 21.0941, 30.0882

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.2196, 14.3523, 18.7019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6357, 21.0941, 30.0882 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, 141, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 145)  
}
```

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, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 145) }
```

Border

The CSS property to change the border of an element to XYZ 14.6357, 21.0941, 30.0882 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, 141, 145) }
```


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

```
.border{ border-color:rgb(0, 141, 145) }
```

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

Here you see how a box with a 4 pixel rgb(0, 141, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6357, 21.0941, 30.0882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 145) }
```

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

```
.background{ background-color: rgb(0, 141,  
145) }
```

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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