

Converting Colors

XYZ(14.0662, 17.5548, 37.2979)

Have a look what the booklet for
XYZ(14.0662, 17.5548, 37.2979)
contains.

XYZ(14.0717, 17.5661, 37.2993)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(14.0717, 17.5661,
37.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	007EA3
RGB	0, 126, 163
RGB Percent	0%, 49%, 64%
CMY	0.9999, 0.5059, 0.3608
CMYK	1.00, 0.23, 0.00, 0.36
HSL	194°, 100%, 32%
HSV	194°, 100%, 64%
XYZ	14.0717, 17.5661, 37.2993
YIQ	92.5440, -86.9730, -15.2050

Conversions

Conversions Part 2

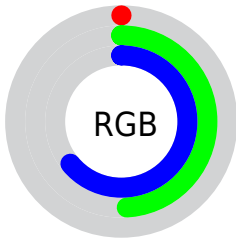
Format	Color
RYB	0, 71, 163
Decimal	32419
CIELab	48.97, -15.52, -27.93
CIELCh	49, 31.951, 240.948
Yxy	17.5661, 0.2041, 0.2548
Android (android.graphics.Color)	4278222499 (0xFF007EA3)
YUV	92.5440, 34.7348, -81.1611
Hunter-Lab	41.9119, -13.4155, -23.4265

Details

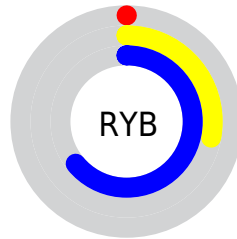
The XYZ color **14.0717, 17.5661, 37.2993** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **15.7668, 9.1112, 0.9283**, and the grayscale version is **10.2367, 10.7698, 11.7283**.

A 20% lighter version of the original color is **32.8948, 39.4260, 72.2059**, and **5.5231, 6.4555, 15.9939** is the 20% darker color. If you saturate the color by 10%, you get **14.0713, 17.5652, 37.2995**, and if you desaturate by 10%, it is **14.7733, 18.6436, 37.4707**.

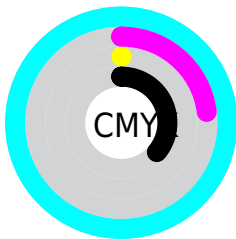
Distribution



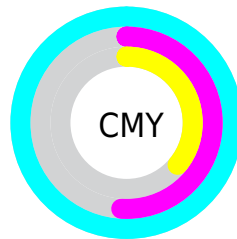
- Red (0%)
- Green (49%)
- Blue (64%)



- Red (0%)
- Yellow (28%)
- Blue (64%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0717, 17.5661, 37.2993 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 14.0717, 17.5661, 37.2993 by changing the saturation by 10% instead.

■ 14.0717, 17.5661,
37.2993

■ 14.0717, 17.5661,
37.2993

■ 211.1781,
238.4139, 349.8121

■ 8.2526, 10.6389,
25.1417

■ 32.8014, 39.2966,
72.2243

■ 4.3102, 5.8246,
15.9627

■ 46.4427, 54.8686,
95.8289

■ 1.8791, 2.7387,
9.3437

■ 63.4221, 74.0912,
124.0861

■ 0.5646, 0.9969,
4.8662

■ 84.1050, 97.3485,
157.4146

■ 0.0000, 0.0000,
2.1116

■ 108.8566,
125.0250, 196.2329

■ 0.0000, 0.0000,
0.6227

■ 138.0425,

■ 0.0000, 0.0000,

157.5052, 240.9596

0.0000

172.0279,
195.1733, 292.0132

■ 14.0717, 17.5661,
37.2993

■ 14.0717, 17.5661,
37.2993

■ 14.0713, 17.5652,
37.2995

■ 14.7733, 18.6436,
37.4707

■ 15.6689, 19.8471,
37.6557

■ 16.8342, 21.2161,
37.8586

■ 18.3017, 22.7677,
38.0807

■ 20.0991, 24.5165,
38.3235

■ 22.2510, 26.4753,
38.5882

■ 24.7793, 28.6557,
38.8758

■ 27.7044, 31.0685,
39.1874

■ 31.0449, 33.7235,
39.5238

Harmonies

Analogous

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



12.2586, 17.5661, 28.8389



14.0717, 17.5661, 37.2993



16.7908, 17.5661, 40.6034

Triad

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



14.0717, 17.5661, 37.2993



23.0871, 17.5661, 18.8570



13.9261, 17.5661, 8.2431

Complementary

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



14.0717, 17.5661, 37.2993



15.7668, 9.1112, 0.9283

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.



16.6017, 17.5661, 6.9850



14.0717, 17.5661, 37.2993



22.0928, 17.5661, 11.8836

Square

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



14.0717, 17.5661, 37.2993



22.2070, 17.5661, 28.2265



19.6279, 17.5661, 8.0896



12.1818, 17.5661, 12.2284

Rectangle

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



14.0717, 17.5661, 37.2993



18.8238, 17.5661, 38.8461



19.6279, 17.5661, 8.0896



14.7350, 17.5661, 7.5512

Sweetspot

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



14.0723, 17.5667, 37.2997



44.1001, 51.0857, 69.5923



13.4060, 26.3182, 5.9897



9.4814, 11.1127, 15.5828



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



14.0723, 17.5667, 37.2997



25.0438, 31.1443, 66.7476



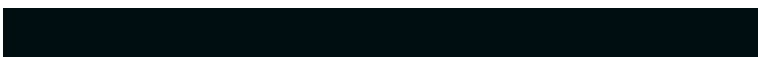
7.5961, 4.6142, 35.1410



7.1391, 7.7373, 9.0202



10.9710, 13.7215, 29.0001



0.2623, 0.3518, 0.6199

Inverse Universe

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



18.8707, 9.2935, 20.5385



33.7155, 16.6110, 36.3628



21.4453, 20.4682, 2.8211



7.2952, 7.1745, 8.5409



14.6831, 7.2293, 16.0539



0.3246, 0.1583, 0.4218

Previews

White Background



This preview shows how the XYZ color 14.0717, 17.5661, 37.2993 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 14.0717, 17.5661, 37.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

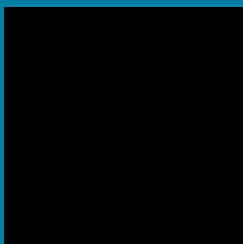
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

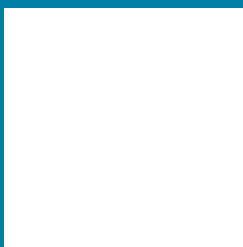
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0717, 17.5661, 37.2993

Background



This preview shows how black text looks on a background with the XYZ color 14.0717, 17.5661, 37.2993.

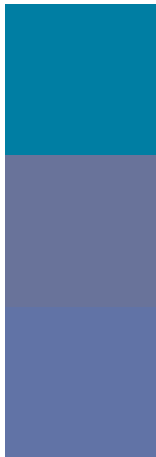


This preview shows how white text looks on a background with the XYZ color 14.0717, 17.5661,

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

14.0717, 17.5661, 37.2993

Protanopia

17.7892, 17.5978, 33.0310

Deuteranopia

17.9434, 17.5560, 38.5193

Trichromacy



Original Color

14.0717, 17.5661, 37.2993

Protanomaly

14.9974, 16.8213, 34.3547

Deuteranomaly

15.3750, 16.9344, 38.0556

Monochromacy



Original Color

14.0717, 17.5661, 37.2993

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.1252, 12.3410, 18.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0717, 17.5661, 37.2993 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, 126, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 163)  
}
```

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, 126, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 163) }
```

Border

The CSS property to change the border of an element to XYZ 14.0717, 17.5661, 37.2993 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, 126, 163) }
```

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

```
.border{ border-color:rgb(0, 126, 163) }
```

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

Here you see how a box with a 4 pixel rgb(0, 126, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
163) }
```


Background

The CSS property to change the background color of an element to XYZ 14.0717, 17.5661, 37.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 163) }
```

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

```
.background{ background-color: rgb(0, 126,  
163) }
```

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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