

Converting Colors

XYZ(14.7092, 23.4490, 23.3063)

Have a look what the booklet for
XYZ(14.7092, 23.4490, 23.3063)
contains.

XYZ(14.6080, 23.2934, 23.1282)	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>	31

Color

**XYZ(14.6080, 23.2934,
23.1282)**

Conversions

Conversions Part 1

Format	Color
Hex	00967D
RGB	0, 150, 125
RGB Percent	0%, 59%, 49%
CMY	1.0000, 0.4118, 0.5098
CMYK	1.00, 0.00, 0.17, 0.41
HSL	170°, 100%, 29%
HSV	170°, 100%, 59%
XYZ	14.6080, 23.2934, 23.1282
YIQ	102.3000, -81.3750, -39.5750

Conversions

Conversions Part 2

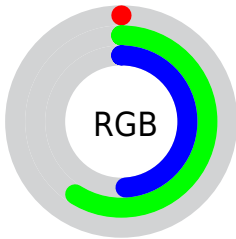
Format	Color
RYB	0, 82, 150
Decimal	38525
CIELab	55.37, -39.82, 3.73
CIELCh	55, 39.990, 174.655
Yxy	23.2934, 0.2394, 0.3817
Android (android.graphics.Color)	4278228605 (0xFF00967D)
YUV	102.3000, 11.1911, -89.7171
Hunter-Lab	48.2632, -30.4335, 5.3719

Details

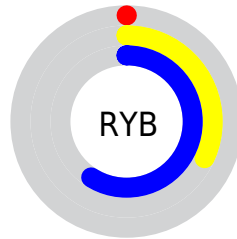
The XYZ color **14.6080, 23.2934, 23.1282** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.7539, 6.5548, 1.5134**, and the grayscale version is **12.6959, 13.3571, 14.5458**.

A 20% lighter version of the original color is **33.7977, 48.9032, 49.7774**, and **5.6722, 9.2572, 8.3253** is the 20% darker color. If you saturate the color by 10%, you get **14.6084, 23.2942, 23.1281**, and if you desaturate by 10%, it is **14.9675, 23.4606, 23.9900**.

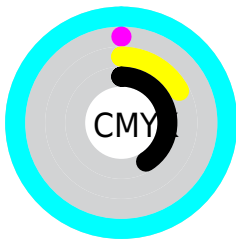
Distribution



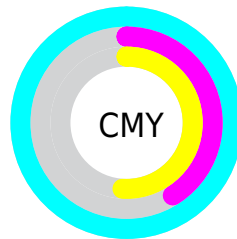
- Red (0%)
- Green (59%)
- Blue (49%)



- Red (0%)
- Yellow (32%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6080, 23.2934, 23.1282 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 14.6080, 23.2934, 23.1282 by changing the saturation by 10% instead.

■ 14.6080, 23.2934,
23.1282

■ 14.6080, 23.2934,
23.1282

214.4169,
269.2284, 281.5260

■ 8.6293, 14.8103,
14.4820

■ 33.7413, 48.8746,
49.5296

■ 4.5553, 8.6864,
8.3141

■ 47.6267, 66.7416,
68.1219

■ 2.0208, 4.5372,
4.2059

■ 64.8782, 88.5052,
90.8666

■ 0.6456, 1.9784,
1.7390

■ 85.8613, 114.5500,
118.1824

■ 0.0000, 0.5949,
0.3872

■ 110.9414,
145.2604, 150.4876

■ 0.0000, 0.0000,
0.0000

■ 140.4838,

181.0206, 188.2010

174.8538,
222.2151, 231.7409

■ 14.6080, 23.2934,
23.1282

■ 14.6080, 23.2934,
23.1282

■ 14.6084, 23.2942,
23.1281

■ 14.9675, 23.4606,
23.9900

■ 15.4719, 23.7015,
24.8792

■ 16.1888, 24.0514,
25.7996

■ 17.1444, 24.5239,
26.7526

■ 18.3609, 25.1305,
27.7394

■ 19.8583, 25.8814,
28.7611

■ 21.6544, 26.7857,
29.8187

■ 23.7655, 27.8520,
30.9130

■ 26.2068, 29.0880,
32.0450

Harmonies

Analogous

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



15.8176, 23.2934, 13.5789



14.6080, 23.2934, 23.1282



15.1835, 23.2934, 37.1388

Triad

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



14.6080, 23.2934, 23.1282



25.9401, 23.2934, 55.1255



27.5193, 23.2934, 10.0675

Complementary

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



14.6080, 23.2934, 23.1282



12.7539, 6.5548, 1.5134

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.



30.9499, 23.2934, 16.3830



14.6080, 23.2934, 23.1282



29.9552, 23.2934, 42.5245

Square

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



14.6080, 23.2934, 23.1282



21.3451, 23.2934, 58.8064



31.8965, 23.2934, 27.7364



22.9537, 23.2934, 7.8502

Rectangle

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



14.6080, 23.2934, 23.1282



16.5484, 23.2934, 47.0128



31.8965, 23.2934, 27.7364



28.8668, 23.2934, 11.6510

Sweetspot

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



14.6087, 23.2943, 23.1288



38.0087, 47.1657, 52.5079



11.3724, 22.0536, 3.6577



8.1451, 10.3124, 11.4780



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.6087, 23.2943, 23.1288



25.7242, 41.0854, 40.5226



10.3066, 11.8046, 30.5906



5.9230, 6.5458, 7.2056



12.1255, 19.3230, 19.2342



0.1573, 0.2401, 0.2821

Inverse Universe

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



12.7539, 6.5548, 1.5134



22.4617, 11.5488, 2.4335



13.6152, 8.5582, 0.9346



5.8379, 5.8302, 6.2526



10.5858, 5.4394, 1.3001



0.1370, 0.0695, 0.0550

Previews

White Background



This preview shows how the XYZ color 14.6080, 23.2934, 23.1282 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 14.6080, 23.2934, 23.1282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

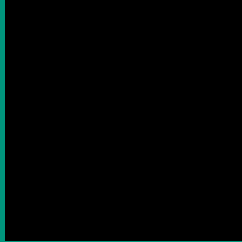
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6080, 23.2934, 23.1282

Background



This preview shows how black text looks on a background with the XYZ color 14.6080, 23.2934, 23.1282.

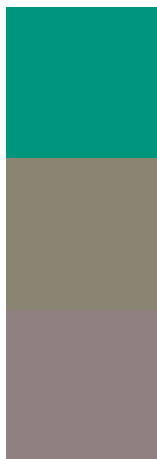


This preview shows how white text looks on a background with the XYZ color 14.6080, 23.2934,

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

14.6080, 23.2934, 23.1282

Protanopia

21.8270, 23.1436, 19.5364

Deuteranopia

23.4255, 23.0698, 24.3374



Tritanopia

17.3609, 23.5057, 35.5203

Trichromacy



Original Color

14.6080, 23.2934, 23.1282

Protanomaly

16.5869, 21.8719, 20.8002

Deuteranomaly

17.1141, 21.4421, 23.6588

Tritanomaly

15.9965, 23.1448, 30.4123

Monochromacy



Original Color

14.6080, 23.2934, 23.1282

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.5913, 15.4433, 17.1218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6080, 23.2934, 23.1282 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, 150, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 125)  
}
```

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, 150, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.6080, 23.2934, 23.1282 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, 150, 125) }
```


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

```
.border{ border-color:rgb(0, 150, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6080, 23.2934, 23.1282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 125) }
```

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

```
.background{ background-color: rgb(0, 150,  
125) }
```

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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